

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

April 11, 2008

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Mason
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill
Mon. Butte NE Fed. S-24-8-16
Humpback Fed. L-25-8-17
Humpback Fed. S-25-8-17
Ashley Fed. M-15-9-15
Ashley Fed. C-22-9-15

South Mon. Butte Fed. G-1-9-16
Sundance Fed. T-11-9-17
Ashley Fed. F-14-9-15
Ashley Fed. N-14-9-15
Ashley Fed. L-15-9-15

Dear Diana:

Enclosed find APD's on the above referenced wells. Our Land Department will send you the required Directional Drill Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
APR 21 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

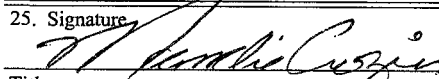

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-075174	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Sundance Unit	
8. Lease Name and Well No. Sundance Federal T-11-9-17	
9. API Well No. 43047-40020	
10. Field and Pool, or Exploratory Monument Butte East North	
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 12, T9S R17E 590	
12. County or Parish Utah	
13. State UT	
14. Distance in miles and direction from nearest town or post office* Approximately 15.9 miles southeast of Myton, Utah	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 130' f/lse, 3890' f/unit Approx. 1380'	
16. No. of Acres in lease 720.00	
17. Spacing Unit dedicated to this well 20 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1380'	
19. Proposed Depth 5985'	
20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5087' GL	
22. Approximate date work will start* 3rd Quarter 2008	
23. Estimated duration Approximately seven (7) days from spud to rig release.	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 4/11/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-29-08
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

APR 21 2008

DIV. OF OIL, GAS & MINING

Federal Approval of this
Action is Necessary

BHL

588359Y
4432722Y
40.041991
-109.24261

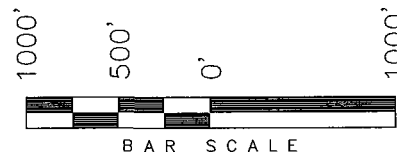
588592Y
4432909Y
40.043655
-109.961505

T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

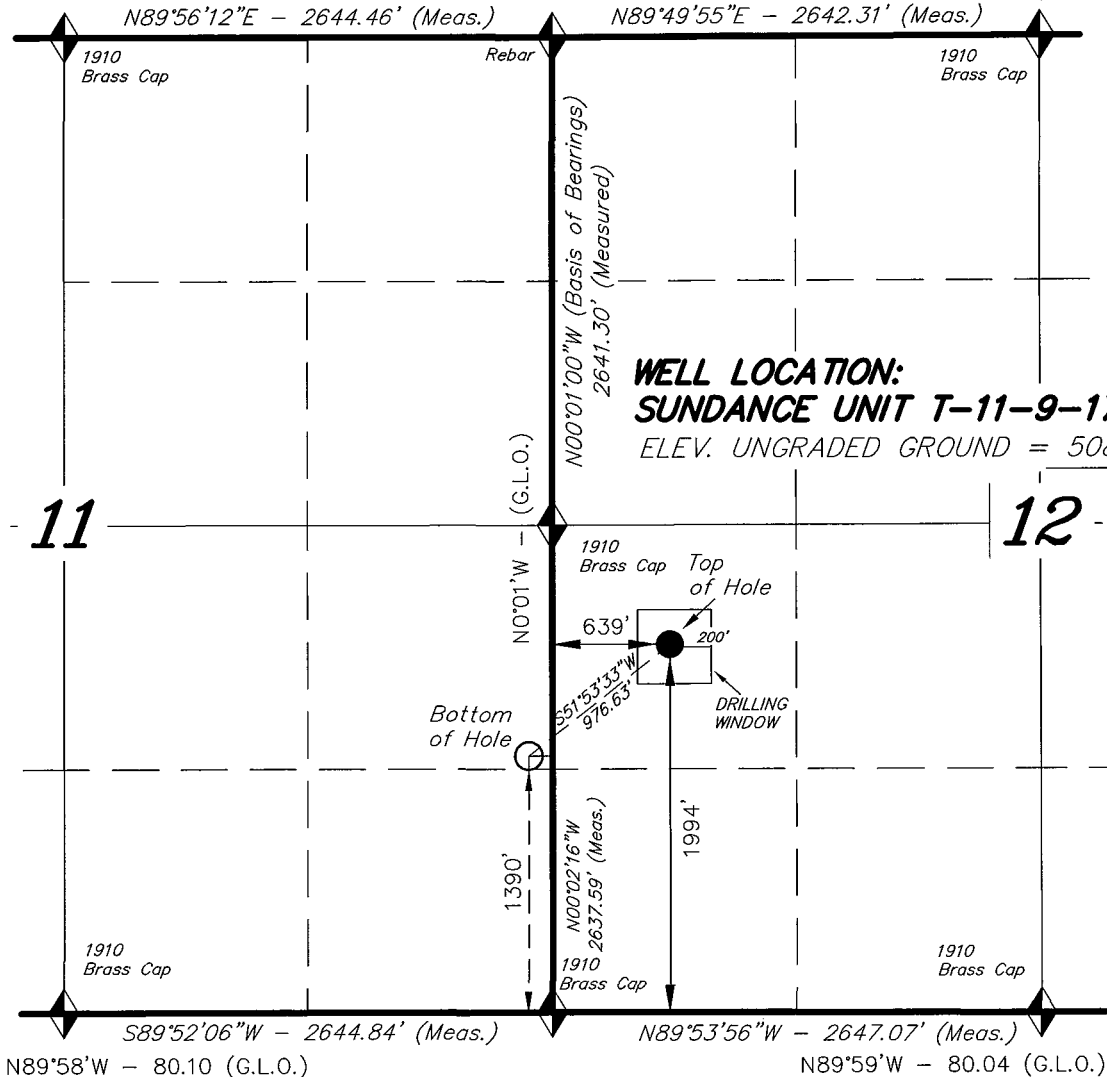
N89°59'W — 80.06 (G.L.O.)
N89°56'12"E — 2644.46' (Meas.)
N89°58'W — 80.10 (G.L.O.)
N89°49'55"E — 2642.31' (Meas.)

WELL LOCATION, SUNDANCE UNIT
T-11-9-17, LOCATED AS SHOWN IN THE
NW 1/4 SW 1/4 OF SECTION 12, T9S,
R17E, S.L.B.&M. UTAH COUNTY, UTAH.

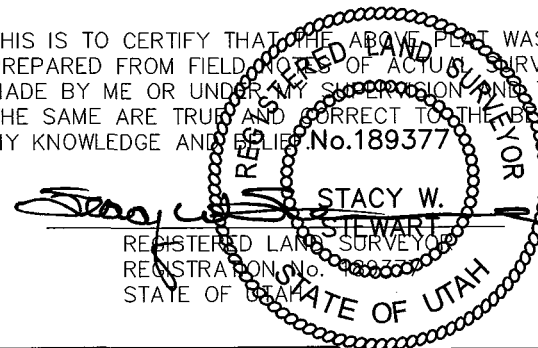


Note:

1. The bottom of hole footages are
1390' FSL & 130' FEL of Section 11.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

SUNDANCE UNIT T-11-9-17
(Surface Location) NAD 83
LATITUDE = 40° 02' 37.22"
LONGITUDE = 109° 57' 43.67"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. — VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-31-08	SURVEYED BY: T.H.
DATE DRAWN: 02-20-08	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY
SUNDANCE FEDERAL T-11-9-17
AT SURFACE: NW/SW SECTION 12, T9S, R17E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2739'
Green River	2739'
Wasatch	5985'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2739' – 5985' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
SUNDANCE FEDERAL T-11-9-17
AT SURFACE: NW/SW SECTION 12, T9S, R17E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Sundance Federal T-11-9-17 located in the NW 1/4 SW 1/4 Section 12, T9S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 14.2 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 560' \pm to the existing Federal 12-12-9-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 12-12-9-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Federal 12-12-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sundance Federal T-11-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Sundance Federal T-11-9-17 will be drilled off of the existing Federal 12-12-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 260' of disturbed area be granted in Lease UTU-39713 to allow for construction of the proposed water line. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 260' of proposed water injection pipeline is attached. MOAC Report #03-58, 5/19/03. Paleontological Resource Survey prepared by, Wade E. Miller, 3/25/08. See attached report cover pages, Exhibit "D".

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Sundance Federal T-11-9-17

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Sundance Federal T-11-9-17 was on-sited on 3/26/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management)and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

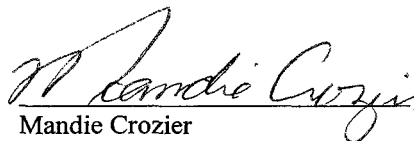
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #T-11-9-17 NW/SW Section 12, Township 9S, Range 17E: Lease UTU-075174 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/11/08

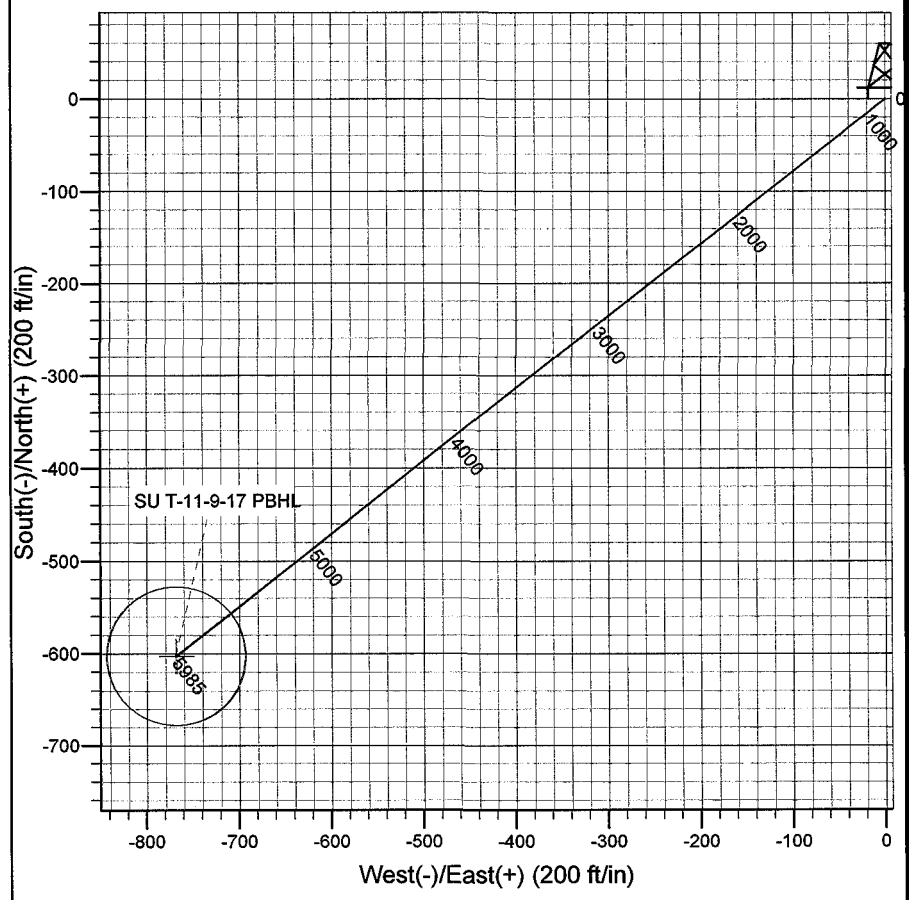
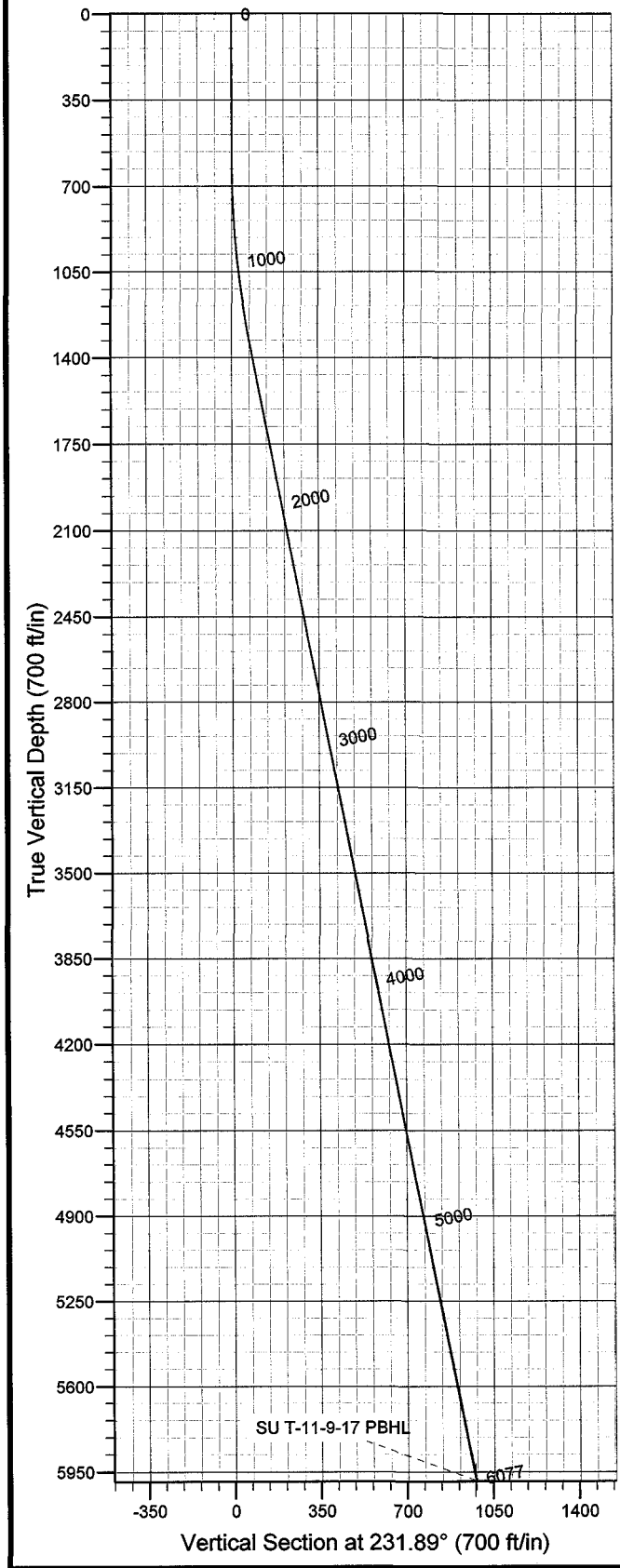
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

WELL DETAILS: Sundance Unit T-11-9-17

GL 5087' & RKB 12' @ 5099.00ft 5087.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7188346.94	2070938.41	40° 2' 37.220 N	109° 57' 43.670 W



Plan: Plan #1 (Sundance Unit T-11-9-17/OH)

Created By: Julie Cruse Date: 2008-04-02

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 Location:
 System Datum: Mean Sea Level
 Local North: No north reference data is available

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1334.43	11.02	231.89	1329.91	-43.45	-55.38	1.50	231.89	70.39	
4	6076.91	11.02	231.89	5985.00	-602.75	-768.44	0.00	0.00	976.63	SU T-11-9-17 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Sundance Unit

Sundance Unit T-11-9-17

OH

Plan: Plan #1

Standard Planning Report

02 April, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sundance Unit
Well: Sundance Unit T-11-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sundance Unit T-11-9-17
TVD Reference: GL 5087' & RKB 12' @ 5099.00ft
MD Reference: GL 5087' & RKB 12' @ 5099.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Sundance Unit			
Site Position:		Northing:	7,188,333.05 ft	Latitude: 40° 2' 37.080 N
From:	Lat/Long	Easting:	2,070,954.20 ft	Longitude: 109° 57' 43.470 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence: 0.99 °

Well	Sundance Unit T-11-9-17, 1994' FSL 639' FWL Sec 12 T9S R17E			
Well Position	+N/-S 0.00 ft	Northing:	7,188,346.94 ft	Latitude: 40° 2' 37.220 N
	+E/-W 0.00 ft	Easting:	2,070,938.41 ft	Longitude: 109° 57' 43.670 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level: 5,087.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-04-02	11.67	65.90	52,628

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	231.89

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,334.43	11.02	231.89	1,329.91	-43.45	-55.38	1.50	1.50	0.00	231.89	
6,076.91	11.02	231.89	5,985.00	-602.75	-768.44	0.00	0.00	0.00	0.00	SU T-11-9-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sundance Unit
Well: Sundance Unit T-11-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sundance Unit T-11-9-17
TVD Reference: GL 5087' & RKB 12' @ 5099.00ft
MD Reference: GL 5087' & RKB 12' @ 5099.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	231.89	699.99	-0.81	-1.03	1.31	1.50	1.50	0.00
800.00	3.00	231.89	799.91	-3.23	-4.12	5.23	1.50	1.50	0.00
900.00	4.50	231.89	899.69	-7.27	-9.26	11.77	1.50	1.50	0.00
1,000.00	6.00	231.89	999.27	-12.92	-16.46	20.92	1.50	1.50	0.00
1,100.00	7.50	231.89	1,098.57	-20.17	-25.71	32.68	1.50	1.50	0.00
1,200.00	9.00	231.89	1,197.54	-29.03	-37.00	47.03	1.50	1.50	0.00
1,300.00	10.50	231.89	1,296.09	-39.48	-50.33	63.96	1.50	1.50	0.00
1,334.43	11.02	231.89	1,329.91	-43.45	-55.38	70.39	1.50	1.50	0.00
1,400.00	11.02	231.89	1,394.27	-51.18	-65.24	82.92	0.00	0.00	0.00
1,500.00	11.02	231.89	1,492.43	-62.97	-80.28	102.03	0.00	0.00	0.00
1,600.00	11.02	231.89	1,590.59	-74.77	-95.31	121.14	0.00	0.00	0.00
1,700.00	11.02	231.89	1,688.75	-86.56	-110.35	140.25	0.00	0.00	0.00
1,800.00	11.02	231.89	1,786.90	-98.35	-125.38	159.35	0.00	0.00	0.00
1,900.00	11.02	231.89	1,885.06	-110.15	-140.42	178.46	0.00	0.00	0.00
2,000.00	11.02	231.89	1,983.22	-121.94	-155.46	197.57	0.00	0.00	0.00
2,100.00	11.02	231.89	2,081.38	-133.73	-170.49	216.68	0.00	0.00	0.00
2,200.00	11.02	231.89	2,179.53	-145.53	-185.53	235.79	0.00	0.00	0.00
2,300.00	11.02	231.89	2,277.69	-157.32	-200.56	254.90	0.00	0.00	0.00
2,400.00	11.02	231.89	2,375.85	-169.11	-215.60	274.01	0.00	0.00	0.00
2,500.00	11.02	231.89	2,474.00	-180.91	-230.63	293.12	0.00	0.00	0.00
2,600.00	11.02	231.89	2,572.16	-192.70	-245.67	312.23	0.00	0.00	0.00
2,700.00	11.02	231.89	2,670.32	-204.49	-260.70	331.33	0.00	0.00	0.00
2,800.00	11.02	231.89	2,768.48	-216.29	-275.74	350.44	0.00	0.00	0.00
2,900.00	11.02	231.89	2,866.63	-228.08	-290.77	369.55	0.00	0.00	0.00
3,000.00	11.02	231.89	2,964.79	-239.87	-305.81	388.66	0.00	0.00	0.00
3,100.00	11.02	231.89	3,062.95	-251.67	-320.85	407.77	0.00	0.00	0.00
3,200.00	11.02	231.89	3,161.11	-263.46	-335.88	426.88	0.00	0.00	0.00
3,300.00	11.02	231.89	3,259.26	-275.26	-350.92	445.99	0.00	0.00	0.00
3,400.00	11.02	231.89	3,357.42	-287.05	-365.95	465.10	0.00	0.00	0.00
3,500.00	11.02	231.89	3,455.58	-298.84	-380.99	484.21	0.00	0.00	0.00
3,600.00	11.02	231.89	3,553.73	-310.64	-396.02	503.32	0.00	0.00	0.00
3,700.00	11.02	231.89	3,651.89	-322.43	-411.06	522.42	0.00	0.00	0.00
3,800.00	11.02	231.89	3,750.05	-334.22	-426.09	541.53	0.00	0.00	0.00
3,900.00	11.02	231.89	3,848.21	-346.02	-441.13	560.64	0.00	0.00	0.00
4,000.00	11.02	231.89	3,946.36	-357.81	-456.17	579.75	0.00	0.00	0.00
4,100.00	11.02	231.89	4,044.52	-369.60	-471.20	598.86	0.00	0.00	0.00
4,200.00	11.02	231.89	4,142.68	-381.40	-486.24	617.97	0.00	0.00	0.00
4,300.00	11.02	231.89	4,240.84	-393.19	-501.27	637.08	0.00	0.00	0.00
4,400.00	11.02	231.89	4,338.99	-404.98	-516.31	656.19	0.00	0.00	0.00
4,500.00	11.02	231.89	4,437.15	-416.78	-531.34	675.30	0.00	0.00	0.00
4,600.00	11.02	231.89	4,535.31	-428.57	-546.38	694.41	0.00	0.00	0.00
4,700.00	11.02	231.89	4,633.46	-440.36	-561.41	713.51	0.00	0.00	0.00
4,800.00	11.02	231.89	4,731.62	-452.16	-576.45	732.62	0.00	0.00	0.00
4,900.00	11.02	231.89	4,829.78	-463.95	-591.49	751.73	0.00	0.00	0.00
5,000.00	11.02	231.89	4,927.94	-475.74	-606.52	770.84	0.00	0.00	0.00
5,100.00	11.02	231.89	5,026.09	-487.54	-621.56	789.95	0.00	0.00	0.00
5,200.00	11.02	231.89	5,124.25	-499.33	-636.59	809.06	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Sundance Unit
Well: Sundance Unit T-11-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Sundance Unit T-11-9-17
TVD Reference: GL 5087' & RKB 12' @ 5099.00ft
MD Reference: GL 5087' & RKB 12' @ 5099.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	11.02	231.89	5,222.41	-511.13	-651.63	828.17	0.00	0.00	0.00
5,400.00	11.02	231.89	5,320.57	-522.92	-666.66	847.28	0.00	0.00	0.00
5,500.00	11.02	231.89	5,418.72	-534.71	-681.70	866.39	0.00	0.00	0.00
5,600.00	11.02	231.89	5,516.88	-546.51	-696.73	885.50	0.00	0.00	0.00
5,700.00	11.02	231.89	5,615.04	-558.30	-711.77	904.60	0.00	0.00	0.00
5,800.00	11.02	231.89	5,713.19	-570.09	-726.80	923.71	0.00	0.00	0.00
5,900.00	11.02	231.89	5,811.35	-581.89	-741.84	942.82	0.00	0.00	0.00
6,000.00	11.02	231.89	5,909.51	-593.68	-756.88	961.93	0.00	0.00	0.00
6,076.91	11.02	231.89	5,985.00	-602.75	-768.44	976.63	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
SU T-11-9-17 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	5,985.00	-602.75	-768.44	7,187,731.07	2,070,180.44	40° 2' 31.263 N	109° 57' 53.551 W

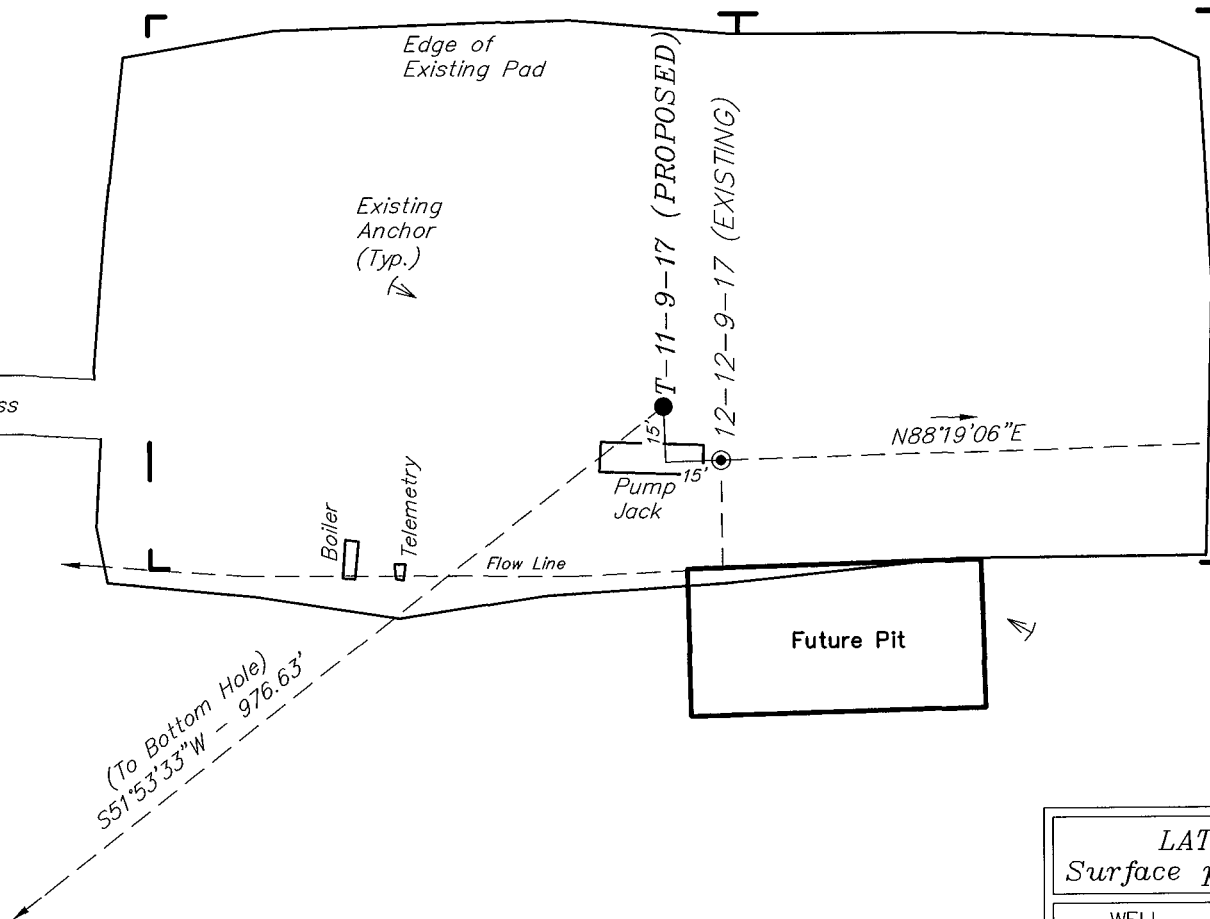
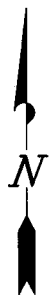
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

SUNDANCE UNIT T-11-9-17 (Proposed Well)

SUNDANCE UNIT 12-12-9-17 (Existing Well)

Pad Location: NWSW Section 12, T9S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

T-11-9-17 (PROPOSED)
1994' FSL & 639' FWL

BOTTOM HOLE FOOTAGES

T-11-9-17 (PROPOSED)
1390' FSL & 130' FEL

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
T-11-9-17	40° 02' 37.22"	109° 57' 43.67"
12-12-9-17	40° 02' 37.08"	109° 57' 43.47"

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
T-11-9-17	-603'	-768'

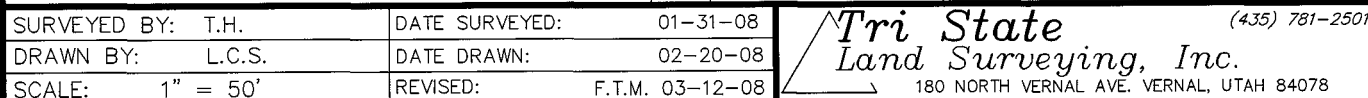
Note:

Bearings are based on
GLO Information.

SURVEYED BY: T.H.	DATE SURVEYED: 01-31-08
DRAWN BY: L.C.S.	DATE DRAWN: 02-20-08
SCALE: 1" = 50'	REVISED: F.T.M. 03-12-08

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

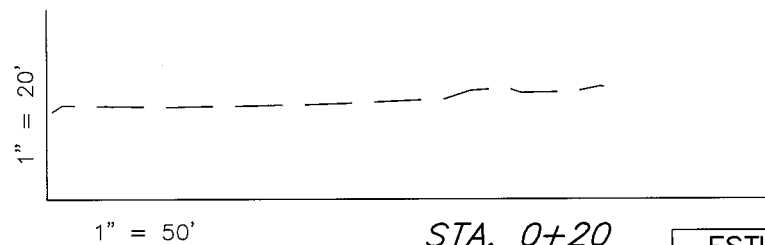
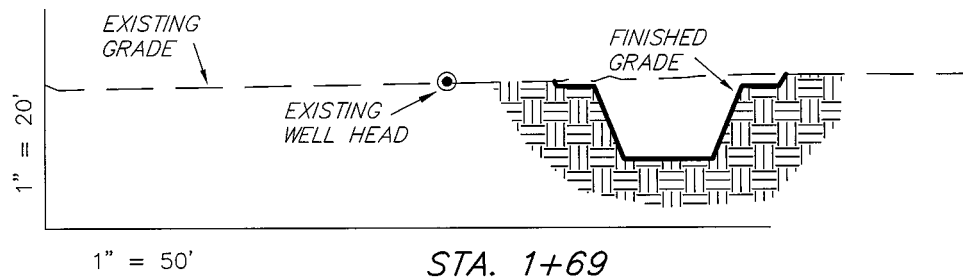
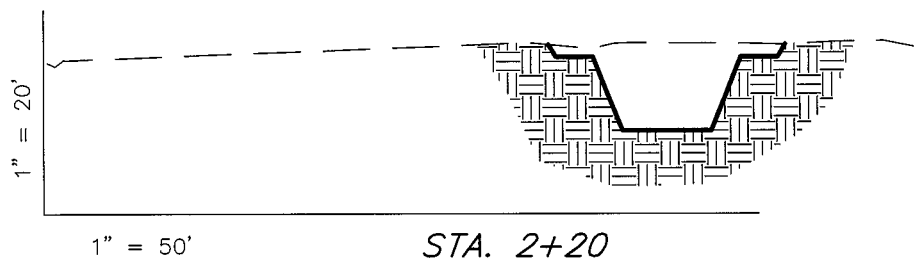
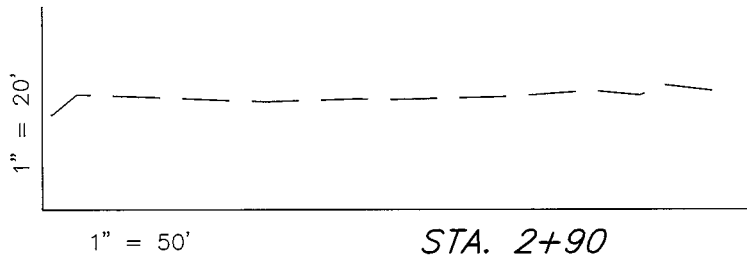
SUNDANCE UNIT T-11-9-17 (Proposed Well)
SUNDANCE UNIT 12-12-9-17 (Existing Well)



NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SUNDANCE UNIT T-11-9-17 (Proposed Well)
SUNDANCE UNIT 12-12-9-17 (Existing Well)

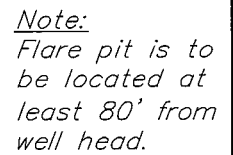


NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	275	0	Topsoil is not included in Pad Cut	275
PIT	640	0		640
TOTALS	915	0	130	915

SURVEYED BY: T.H.	DATE SURVEYED: 01-31-08
DRAWN BY: L.C.S.	DATE DRAWN: 02-20-08
SCALE: 1" = 50'	REVISED: F.T.M. 03-12-08

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501



Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

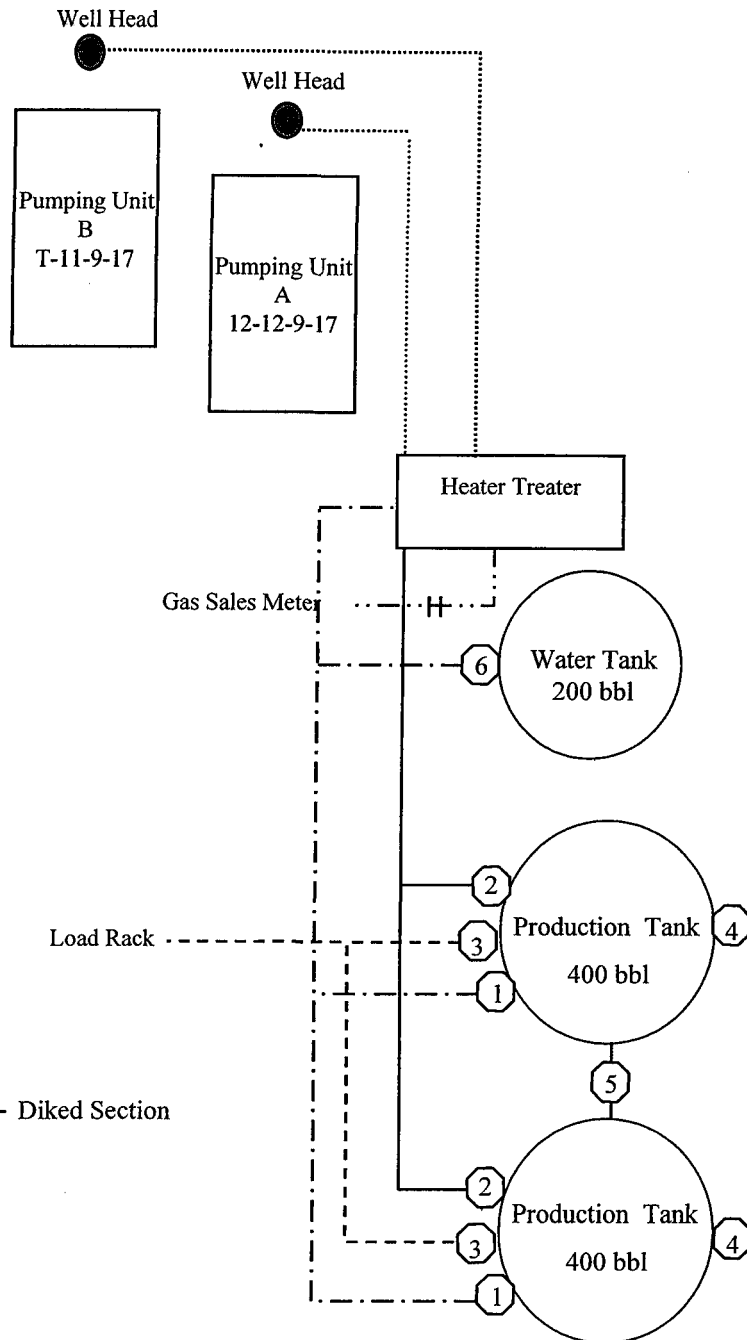
Sundance Federal T-11-9-17

From the 12-12-9-17 Location

NW/SW Sec. 12 T9S, R17E

Duchesne County, Utah

UTU-075174



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

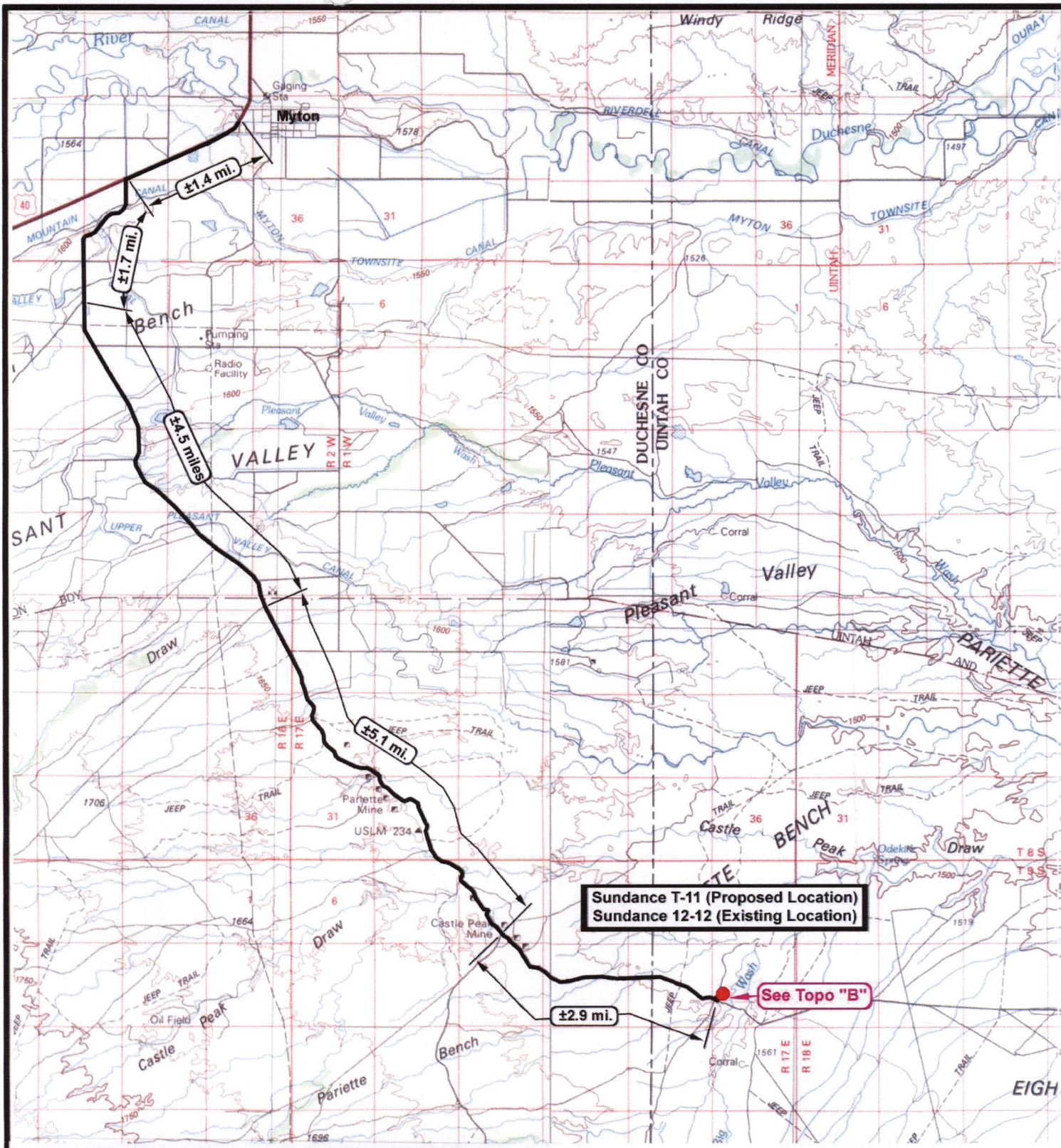
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open


Legend

Emulsion Line
Load Rack	-----
Water Line	- - - - -
Gas Sales	-
Oil Line	—————



Sundance T-11 (Proposed Location)
Sundance 12-12 (Existing Location)

See Topo "B"



NEWFIELD
Exploration Company

Sundance T-11-9-17 (Proposed Location)
Sundance 12-12-9-17 (Existing Location)
Pad Location NWSW SEC. 12, T9S, R17E, S.L.B.&M.





Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

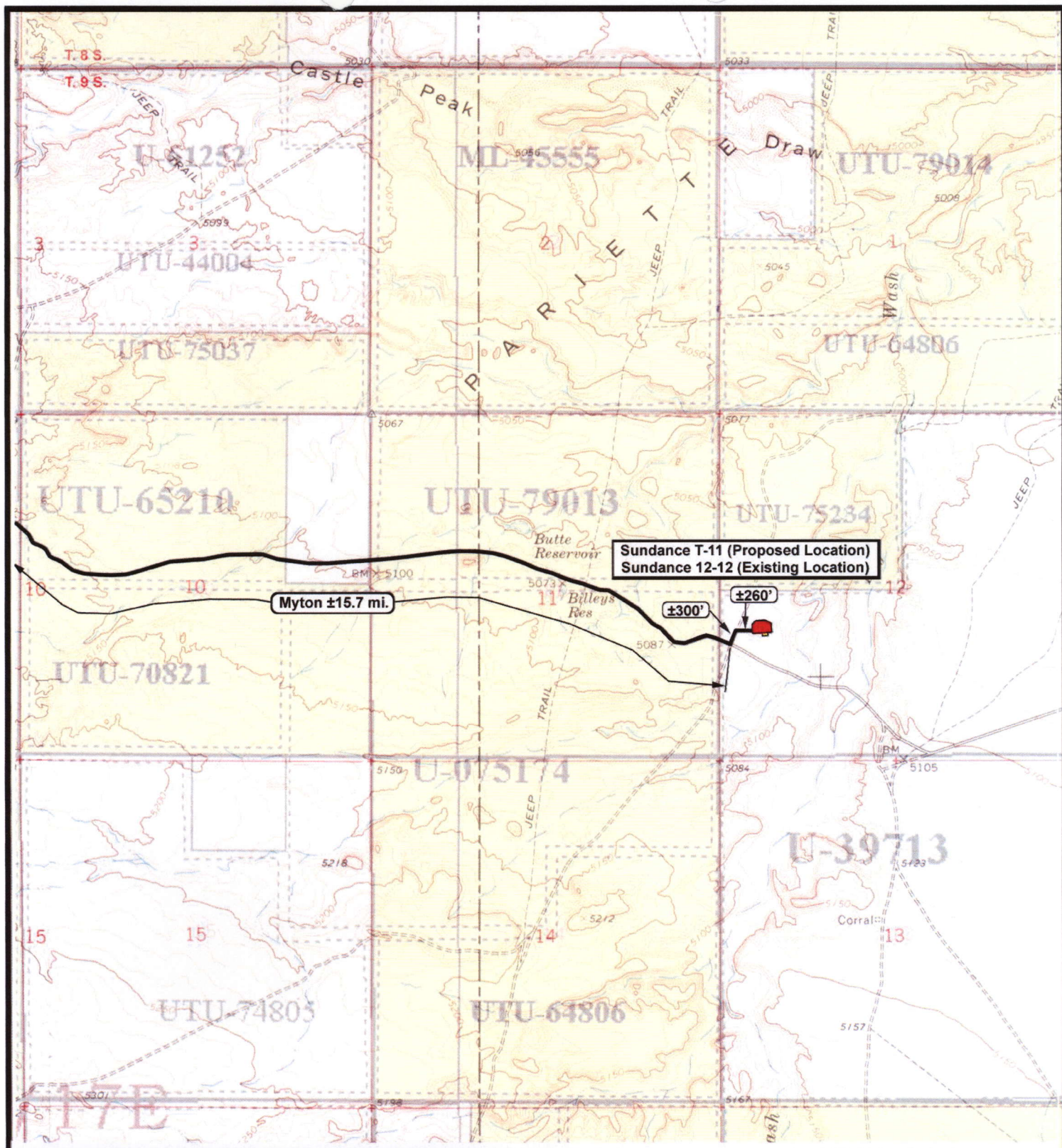
SCALE: 1:100,000
 DRAWN BY: nc
 DATE: 02-28-2008


Legend

Existing Road

TOPOGRAPHIC MAP

"A"





NEWFIELD
Exploration Company

Sundance T-11-9-17 (Proposed Location)
Sundance 12-12-9-17 (Existing Location)
Pad Location NWSW SEC. 12, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

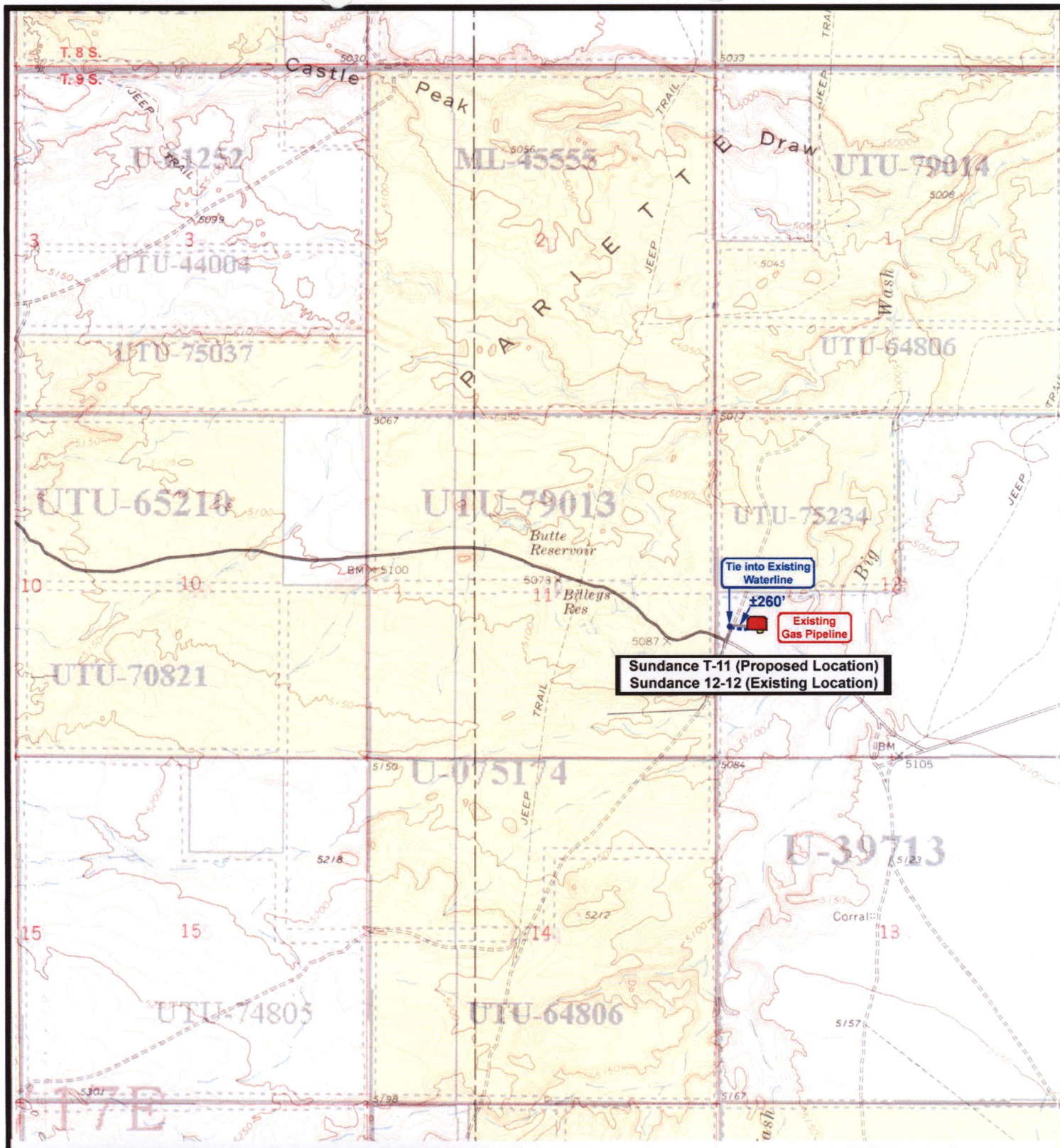
SCALE: 1" = 2000'
 DRAWN BY: nc
 DATE: 02-28-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Sundance T-11-9-17 (Proposed Location)
Sundance 12-12-9-17 (Existing Location)
Pad Location NWSW SEC. 12, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: nc

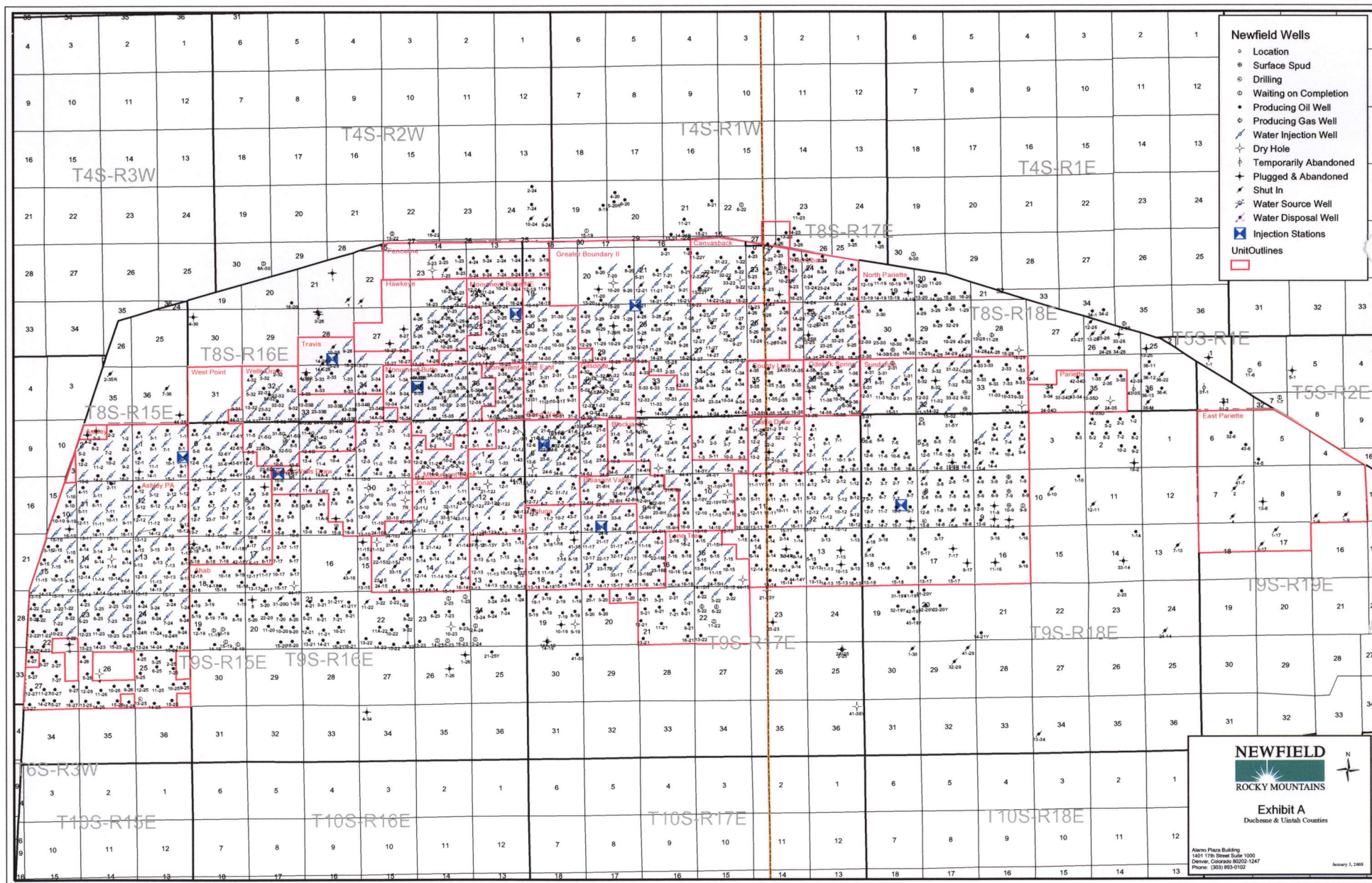
DATE: 02-28-2008

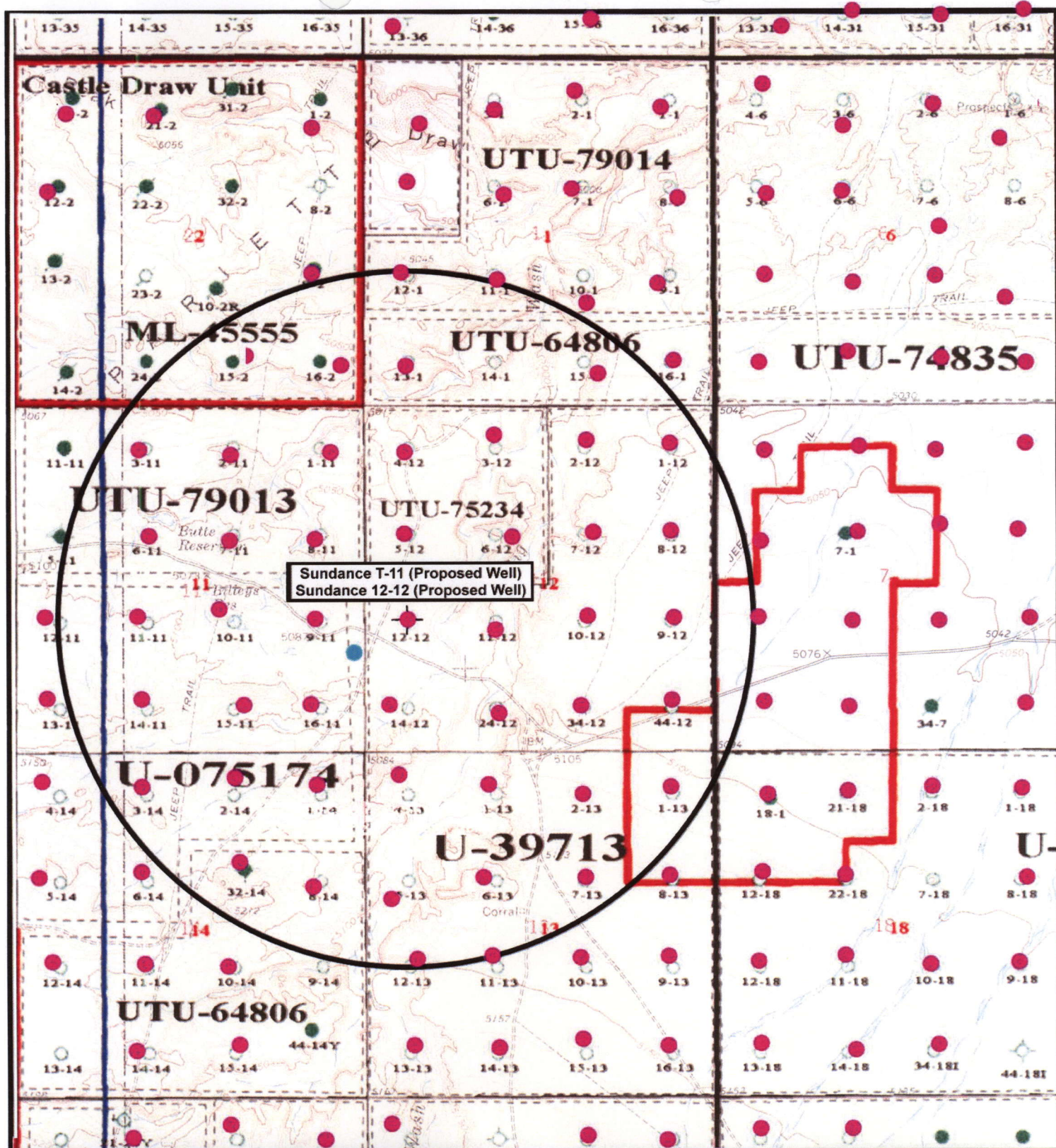
Legend

Roads
 Proposed Waterline


TOPOGRAPHIC MAP

"C"






Sundance T-11 (Proposed Well)
Sundance 12-12 (Proposed Well)



NEWFIELD
Exploration Company

Sundance T-11-9-17 (Proposed Location)
Sundance 12-12-9-17 (Existing Location)
 Pad Location NWSW SEC. 12, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: nc
 DATE: 02-28-2008

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

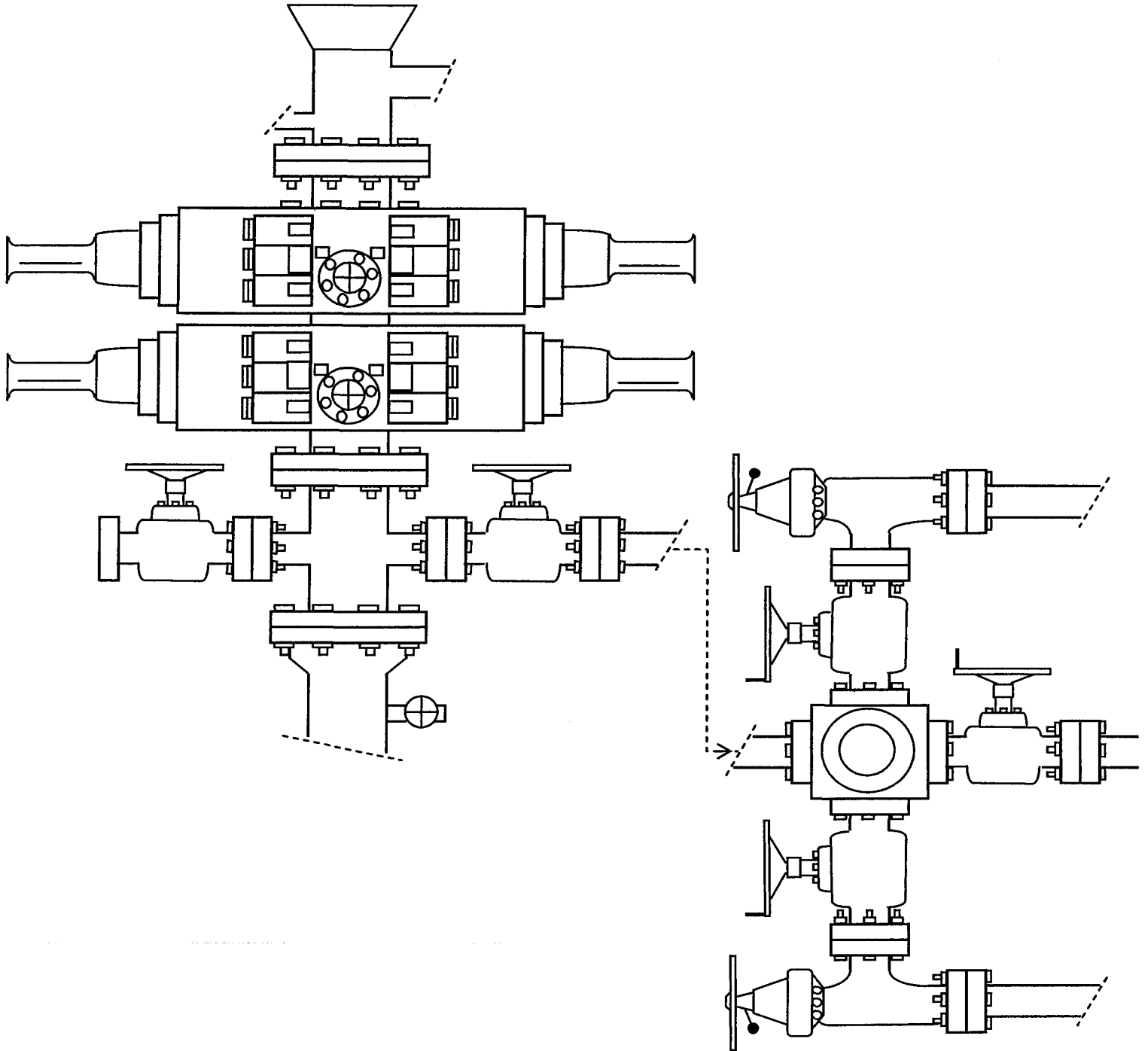


EXHIBIT C

Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF
INLAND RESOURCES' BLOCK PARCELS IN
T 9S, R 17E, SECTIONS 1 AND 12
Uintah County, Utah

BY:

Mark C. Bond

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Jon D. Holst & Company
for
Inland Resources
2507 Flintridge Place
Fort Collins, CO 80521

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 03-58

May 19, 2003

United States Department of Interior (FLPMA)
Permit No. 03-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-03-MQ-0328b

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
HIGH PRESSURE GAS PIPELINE**

**NW 1/4, NW 1/4, Sec. 36, T 8 S, R 17 E, to NE 1/4, NE 1/4, Sec. 9, T 9 S, R 17 E
(4-36T-8S-17E to 1-9-9-17; & 23-2T-9S-17E)**

AND

TWO 40 ACRE PARCELS

**NW 1/4, NW 1/4, Sec. 28, T 9 S, R 18 E; SW 1/4, SW 1/4, Sec. 2, T 9 S, R 16 E
(4-28-9-18 & 13-2T-9-16)**

AND

WATER PIPELINE TIE-INS

T 8 S, R 16 E (7-25-8-16; 2-34-8-16; 6-34-8-16; 4A-35R-8-16)

T 8 S, R 17 E (8-25-8-17; 22-25-8-17; 24-25-8-17)

T 9 S, R 15 E (8-1-9-15; 16-11-9-15)

T 9 S, R 16 E (6-1-9-16; 16-7-9-16)

**T 9 S, R 17 E (32-4R-9-17; 12-5-9-17; 14-5J-9-17; 43-6-9-17; 34-6-9-17; 43-8-9-17;
1-9-9-17; 15-9H-9-17; 13-10-9-17; 14-10-9-17; 12-12-9-17; 23-8-9-17; 2-22-9-17)**

Duchesne & Uintah Counties, Utah

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
March 25, 2008

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/21/2008

API NO. ASSIGNED: 43-047-40020

WELL NAME: SUNDANCE FED T-11-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSW 12 090S 170E

SURFACE: 1994 FSL 0639 FWL

BOTTOM: 1390 FSL 0130 FEL

COUNTY: UINTAH

LATITUDE: 40.04366 LONGITUDE: -109.9615

UTM SURF EASTINGS: 588592 NORTHINGS: 4432909

FIELD NAME: 8 MILE FLAT NORTH (590)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-075174

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

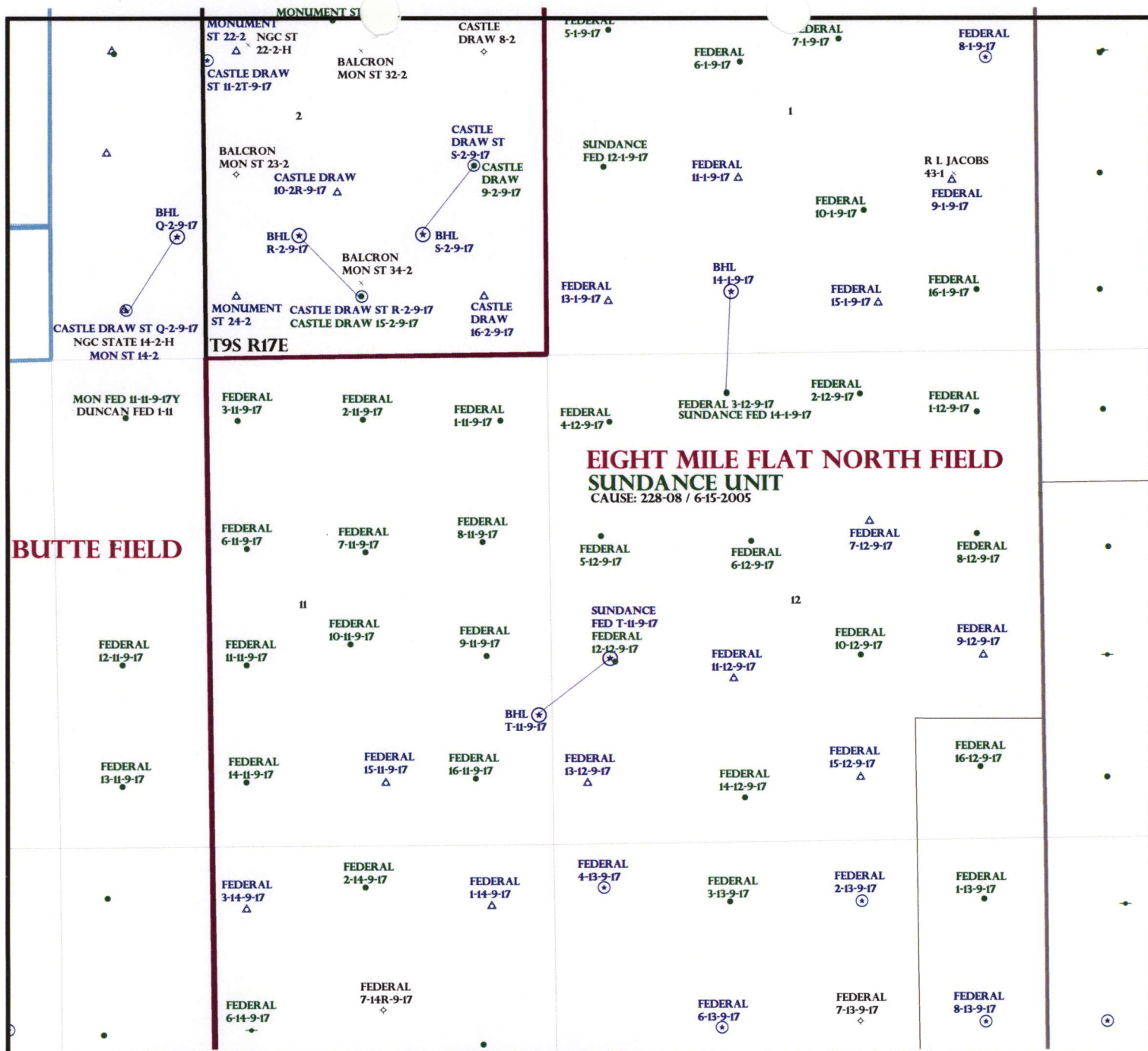
☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.
Unit: SUNDANCE (GRRV)
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 228-08
Eff Date: 12-15-2005
Siting: Suspends General Siting
☒ R649-3-11. Directional Drill

COMMENTS: Pop, Separate file

STIPULATIONS: 1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 12 T.9S R.17E

FIELD: EIGHT MILE FLAT NORTH (590)

COUNTY: UINTAH

CAUSE: 228-08 / 6-15-2005



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 23-APRIL-2008

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

April 23, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Sundance Unit,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2008 within the Sundance Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-40020	Sundance Fed T-11-9-17 Sec 12 T09S R17E 1994 FSL 0639 FWL	
	BHL Sec 11 T09S R17E 1390 FSL 0130 FEL	

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Sundance Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-23-08



April 24, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Sundance Federal T-11-9-17
Sundance Unit
UTU-82472X
Surface Hole: T9S R17E, Section 12: NWSW
1994' FSL 639' FWL
Bottom Hole: T9S R17E, Section 11
1390' FSL 130' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated April 11, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Sundance Federal Unit UTU-82472X. Newfield certifies that it is the Sundance Unit Operator and all lands within 460 feet of the entire directional well bore are within the Sundance Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED

APR 28 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-075174

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Sundance Unit

8. Lease Name and Well No.

Sundance Federal T-11-9-17

9. API Well No.

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

10. Field and Pool, or Exploratory

Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements: *)

At surface NW/SW 1994' FSL 639' FWL (Sec. 12, T9S R17E)

At proposed prod. zone 1390' FSL 130' FEL (Sec. 11, T9S R17E)

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 12, T9S R17E

14. Distance in miles and direction from nearest town or post office*

Approximatley 15.9 miles southeast of Myton, Utah

12. County or Parish

Uintah

13. State

UT

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 130' f/ls, 3890' f/unit

16. No. of Acres in lease

720.00

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location*

to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1380'

19. Proposed Depth

5985'

20. BLM/BIA Bond No. on file

WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5087' GL

22. Approximate date work will start*

3rd Quarter 2008

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

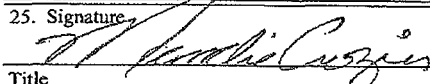
3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature



Name (Printed/Typed)

Mandie Crozier

Date

4/11/08

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct
operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

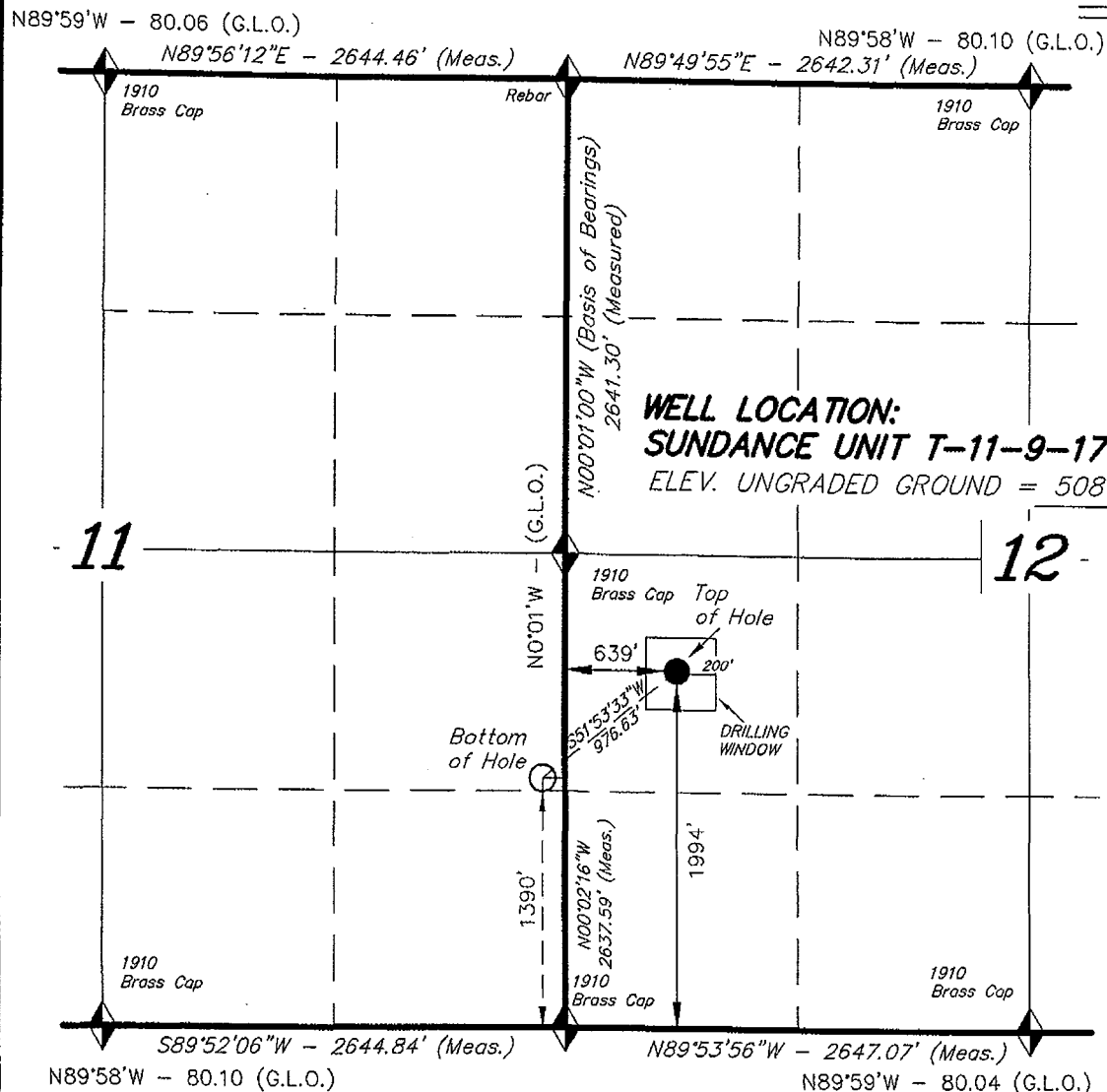
RECEIVED

APR 20 2008

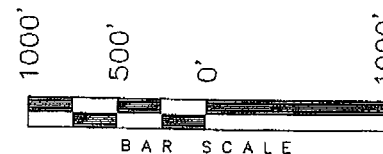
DIV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

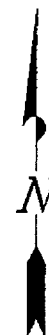


WELL LOCATION, SUNDANCE UNIT
T-11-9-17, LOCATED AS SHOWN IN THE
NW 1/4 SW 1/4 OF SECTION 12, T9S,
R17E, S.L.B.&M. UTAH COUNTY, UTAH.

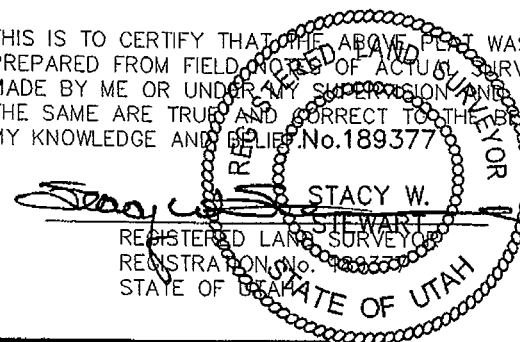


Note:

1. The bottom of hole footages are
1390' FSL & 130' FEL of Section 11.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

SUNDANCE UNIT T-11-9-17
(Surface Location) NAD 83
LATITUDE = 40° 02' 37.22"
LONGITUDE = 109° 57' 43.67"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 01-31-08	SURVEYED BY: T.H.
DATE DRAWN: 02-20-08	DRAWN BY: L.C.S.
REVISED:	SCALE: 1" = 1000'



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 29, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Sundance Federal T-11-9-17 Well, Surface Location 1994' FSL, 639' FWL, NW SW, Sec. 12, T. 9 South, R. 17 East, Bottom Location 1390' FSL, 130' FEL, NE SE, Sec. 11, T. 9 South, R. 17 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40020.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Sundance Federal T-11-9-17
API Number: 43-047-40020
Lease: UTU-75174

Surface Location: NW SW **Sec.** 12 **T.** 9 South **R.** 17 East
Bottom Location: NE SE **Sec.** 11 **T.** 9 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-075174

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Sundance Unit 474182472X

8. Lease Name and Well No.

Sundance Federal T-11-9-17

9. API Well No.

43-047-40050

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 12, T9S R17E

12. County or Parish

Uintah

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NW/SW 1994' FSL 639' FWL (Sec. 12, T9S R17E)

At proposed prod. zone 1390' FSL 130' FEL (Sec. 11, T9S R17E)

14. Distance in miles and direction from nearest town or post office*

Approximately 15.9 miles southeast of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 130' f/lse, 3890' f/unit

16. No. of Acres in lease

720.00

17. Spacing Unit dedicated to this well

20 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1380'

19. Proposed Depth

5985'

20. BLM/BIA Bond No. on file

WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5087' GL

22. Approximate date work will start*

3rd Quarter 2008

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Name (Printed/Typed)

Date

Mandie Crozier

4/11/08

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

OCT 24 2008

Title

Land & Mineral Resources

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

NOV 12 2008

DIV. OF OIL, GAS & MINING

UDOGM
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

08PP0567A

NOV 03/17/08



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Sundance Federal T-11-9-17
API No: 43-047-40020

Location: NWSW, Sec. 12, T9S, R17E
Lease No: UTU-075174
Agreement: Sundance Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

STIPULATIONS:

1. None

Lease Notices from RMP:

2. The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

1. This project will be a Categorical Exclusion to the Castle Peak and Eight Mile Flat Oil and Gas Expansion project EIS (August 2005).
2. No raptor nests are within ½ mile of the project area.
3. Mountain plover timing restrictions were not applied to the Project area as the area has already been disturbed and the location will be directionally drilled from an existing location.

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) should require additional surveys and clearances.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.

- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- **Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the resspreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.**
- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil resspread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the

seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

• **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- A copy of Newfield's Standard Operating Practices (SOP version: dated 4/18/08 and approved 5/12/08) shall be on location.
- Drilling plan specifics and practices are referenced in the Newfield Standard Operating Procedures (SOP version: April 18, 2008). The operators drilling plan items 4 to 8 reference the SOP. Newfield shall adhere to the referenced requirements in the SOP. Newfield and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- A copy of the directional survey shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1994 FSL 639 FWL NW/SW Section 12, T9S R17E

5. Lease Designation and Serial No.

UTU-075174

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

SUNDANCE

8. Well Name and No.

SUNDANCE FEDERAL T-11-9-17

9. API Well No.

43-047-40020

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY, UT.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-06-09

By: [Signature]

COPY SENT TO OPERATOR

Date: 4.7.2009

Initials: KS

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DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

3/30/2009

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-40020
Well Name: Sundance Federal T-11-9-17
Location: NW/SW Section 14, T9S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 4/29/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

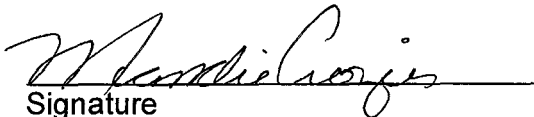
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

3/30/2009

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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DIV. OF OIL, GAS & MINING

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration

Rig Name/# Ross #21

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer Sundance T-11-9-17

Qtr/Qrt NW/SW Section 12 Township 9S Range 17E

Lease Serial Number UTU-075174

API Number 43-047-40020

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 4/5/2010 9:00:00 AM

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 4/5/2010 4:00:00 PM

Remarks:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	17582	4301350079	UTE TRIBAL 4-28-4-2	NWNW	28	4S	2W	DUCHESNE	4/3/2010	4/28/10
WELL 1 COMMENTS: GRRV											
B	99999	17400	4301334194	WEST POINT 8-31-8-16	SENE	31	8S	16E	DUCHESNE	4/8/2010	4/28/10
GRRV											
B	99999	17400	4301350148	FEDERAL 10-29-8-16	NWSE	29	8S	16E	DUCHESNE	4/2/2010	4/28/10
GRRV											
B	99999	17400	4301350120	SO MON BUTTE V-2-9-16	SWSE	2	9S	16E	DUCHESNE	4/1/2010	4/28/10
GRRV											
B	99999	17400	4304740020	SUNDANCE T-11-9-17	NWSW	12	9S	17E	UINTAH	4/5/2010	4/28/10
WELL 5 COMMENTS: GRRV											
B	99999	17400	4304740247	SUNDANCE FED L-12-9-17	NWSE	12	9S	17E	DUCHESNE	4/12/2010	4/28/10
WELL 5 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

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DIV. OF OIL, GAS & MINING

Signature
Production Clerk

Jentri Park

04/12/10

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELL
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NWSW Section 12 T9S R17E

5. Lease Serial No.

USA UTU-075174

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

SUNDANCE FEDERAL T-11-9-17

9. API Well No.

4304740020

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/5/10 MIRU Ross # 29. Spud well @ 9:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 318.45 KB. On 4/8/10 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 3 bbls cement to pit. WOC.

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APR 20 2010

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct *Printed/ Typed*

Ryan Crum

Signature

Title

Drilling Foreman

Date

04/11/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT	318.45
----------------------	--------

LAST CASING	<u>14</u>	SET AT	<u>14</u>
DATUM	<u>12</u>		
DATUM TO CUT OFF CASING		<u>12</u>	
DATUM TO BRADENHEAD FLANGE		<u>12</u>	
TD DRILLER	<u>320</u>	LOGGER	<u></u>
HOLE SIZE	<u>12 1/4"</u>		

OPERATOR Newfield Exploration Company
WELL SUNDANCE T-11-9-17
FIELD/PROSPECT Mon. Butte
CONTRACTOR & RIG # Ross Rig # 29

LOG OF CASING STRING:

[illegible]

[illegible]

COMPANY REPRESENTATIVE

Ryan Crum

DATE 4/11/2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

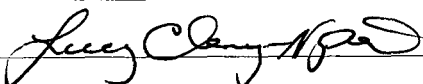
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-075174
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1994 FSL 0639 FWL OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 12, T9S, R17E		8. WELL NAME and NUMBER: SUNDANCE FEDERAL T-11-9-17
		9. API NUMBER: 4304740020
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/13/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 05-13-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 05/13/2010

(This space for State use only)

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MAY 18 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

SUNDANCE T-11-9-17**3/1/2010 To 7/30/2010****4/30/2010 Day: 1****Completion**

Rigless on 4/30/2010 - CBL/Perferate 1st stage. - RU frac head & Cameron BOP's. RU Hot Oiler & test casing, frac hed w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 5803' w/ cement top @ 180'. RIH w/ 3-1/8" Port Guns (11 gram, n.36"EH, 120°, 16.82"pen) & perferate CP4 @ 5616-20', CP3 sds @ 5584-86', CP2 sds @ 5496-98', CP1 sds @ 5461-63' w/ 3 spf for total of 30 shots. SIFN w/ 139 bbls EWTR.

Daily Cost: \$0**Cumulative Cost:** \$12,256

5/4/2010 Day: 2**Completion**

Rigless on 5/4/2010 - Frac well. - Perf & frac well as shown in perforation & stimulation reports.

Daily Cost: \$0**Cumulative Cost:** \$101,546

5/6/2010 Day: 3**Completion**

Stone #8 on 5/6/2010 - MIRU Stone #8. ND Cameron BOP. NU Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. to 3450'. SWIFN. - MIRU Stone #8. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe racks (tallying & drifting). EOT @ 3450'. SWIFN. 2300 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$137,496

5/7/2010 Day: 4**Completion**

Stone #8 on 5/7/2010 - DU CBPs. - Csg. @ 100 psi, 1 tbg. @ 0 psi. Bleed off well. Cont. RIH w/ tbg. Tag fill @ 4545'. RU powerswivel & pump. C/O to CBP @ 4670'. DU CBP in 15 min. Cont. RIH w/ tbg. Tag fill @ 4885'. C/O to CBP @ 4900'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag fill @ 5100'. C/O to CBP @ 5110'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag fill @ 5235'. C/O to CBP @ 5250'. DU CBP in 20 min. Cont. RIH w/ tbg. to 5294'. Circulate well clean. SWIFN. 2450 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$144,609

5/8/2010 Day: 5**Completion**

Stone #8 on 5/8/2010 - C/O to PBTD. Swab well for cleanup. POOH w/ tbg. RIH w/ tbg. - 0 psi on well. Cont. RIH w/ tbg. Tag 5727'. C/O to PBTD @ 5867'. Circulate well clean. Pull up to 5767'. RIH w/ swab. SFL @ surface. Made 16 runs. Recovered 151 bbls. Trace of oil. No show of sand. EFL @ 1600'. RD swab. RIH w/ tbg. Tag PBTD @ 5867'. Circulate well clean. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 2 jts 2 7/8" tbg., 5 1/2" TAC & 86 jts 2 7/8" tbg. SWIFN. 2314 BWTR.

Daily Cost: \$0

Cumulative Cost: \$151,212

5/10/2010 Day: 6

Completion

Stone #8 on 5/10/2010 - RIH w/ tbg. ND BOP. Set TAC @ 5553' w/ 18,000# tension. NU wellhead. RIH w/ rods. Stroke test to 800 psi. Good pump action. - 0 psi on well. Cont. RIH w/ tbg. ND BOP. Set TAC @ 5553' w/ 18,000# tension. NU wellhead. Flush tbg. w/ 60 bbls water. RIH w/ 2 1/2" x 1 3/4" x 24' RHAC rod pump, 4- 1 1/2" weight bars, 220- 7/8" guided rods, 1- 6', 2' x 7/8" pony subs, 1 1/2" x 30' polished rod. Seat pump. Fill tbg. w/ 1 bbl. Stroke test to 800 psi w/ rig. Good pump action. Could not put well on production due to no pumping unit on location.

Daily Cost: \$0

Cumulative Cost: \$198,596

5/13/2010 Day: 7

Completion

Rigless on 5/13/2010 - Install pumping unit. Hang off rods. Put well on production @ 8:00 a.m. 186" stroke length, 5 spm. Final Report. 2375 BWTR. - Install pumping unit. Hang off rods. Put well on production @ 8:00 a.m. 186" stroke length, 5 spm. Final Report. 2375 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$198,596

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-39713

a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
SUNDANCE FEDERAL T-11-9-17

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

9. AFI Well No.
43-047-40020

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1994' FSL & 639' FWL (NW/SW) SEC. 12, T9S, R17E (UTU-39713)

At top prod. interval reported below 1493' FSL & 26' FWL (NW/SW) SEC. 12, T9S, R17E (UTU-39713)

At total depth 1307' FSL & 240' FEL (SE/SE) SEC. 11, T9S, R17E (UTU-075174)

BHL reviewed
by HSM

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 12, T9S, R17E

12. County or Parish

UINTAH

13. State

UT

14. Date Spudded
04/05/2010

15. Date T.D. Reached
04/24/2010

16. Date Completed 05/11/2010
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5087' GL 5099' KB

18. Total Depth: MD 5925'
TVD 5800'

19. Plug Back T.D.: MD 5867'
TVD 5741

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	318'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	5912'		250 PRIMLITE		180'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5680'	TA @ 5550'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5461-5620' CP1 2 3 4	.36"	3	30
B) Green River			5119-5163' LODC	.36"	3	36
C) Green River			5020-5027' A1	.36"	3	21
D) Green River			4715-4815' C B.5	.36"	3	24

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5461-5620'	Frac w/ 35228#'s 20/40 sand in 3002 bbls of Lightning 17 fluid.
5119-5163'	Frac w/ 81489#'s 20/40 sand in 492 bbls of Lightning 17 fluid.
5020-5027'	Frac w/ 19583#'s 20/40 sand in 171 bbls of Lightning 17 fluid.
4715-4815'	Frac w/ 36387#'s 20/40 sand in 240 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5-9-10	5-31-10	24	→	61.4	0	6.42			2-1/2" x 1-3/4" x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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JUN 21 2010

*(See instructions and spaces for additional data on page 2)

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3586' 3764'
				GARDEN GULCH 2 POINT 3	3884' 4144'
				X MRKR Y MRKR	4382' 4420'
				DOUGALS CREEK MRK BI CARBONATE MRK	4549' 4785'
				B LIMESTON MRK CASTLE PEAK	4912' 5390'
				BASAL CARBONATE	5800'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (D2) 4624-4634', .36" 3/30 Frac w/ 55678#'s of 20/40 sand in 327 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature

Date 06/14/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 12 TS9 R17E
T-11-9-17**

Wellbore #1

Design: Actual

Standard Survey Report

17 May, 2010

HATHAWAY HB BURNHAM
DIRECTIONAL & MWD SERVICES



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 12 TS9 R17E
Well: T-11-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well T-11-9-17
TVD Reference: T-11-9-17 @ 5099.0ft (Original Well Elev)
MD Reference: T-11-9-17 @ 5099.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 12 TS9 R17E				
Site Position:		Northing:	7,188,976.16 ft	Latitude:	40° 2' 43.238 N
From:	Map	Easting:	2,072,942.34 ft	Longitude:	109° 57' 17.709 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.99 °

Well	T-11-9-17, SHL LAT: 40 02 37.22, LONG: -109 57 43.67					
Well Position	+N/-S	0.0 ft	Northing:	7,188,332.56 ft	Latitude:	40° 2' 37.220 N
	+E/-W	0.0 ft	Easting:	2,070,934.27 ft	Longitude:	109° 57' 43.670 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	0.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/05/17	11.41	65.84	52,394

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	232.99	

Survey Program	Date	2010/05/17			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
421.0	5,925.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
421.0	1.12	103.11	421.0	-0.9	4.0	-2.6	0.27	0.27	0.00
451.0	1.01	118.64	451.0	-1.1	4.5	-2.9	1.03	-0.37	51.77
482.0	0.90	111.70	482.0	-1.3	5.0	-3.2	0.51	-0.35	-22.39
513.0	0.30	121.30	513.0	-1.5	5.3	-3.3	1.96	-1.94	30.97
543.0	0.20	202.60	543.0	-1.6	5.3	-3.3	1.11	-0.33	271.00
573.0	0.90	252.60	573.0	-1.7	5.1	-3.0	2.62	2.33	166.67
604.0	1.40	230.00	604.0	-2.0	4.6	-2.4	2.15	1.61	-72.90
634.0	1.80	237.10	633.9	-2.5	3.9	-1.6	1.49	1.33	23.67
665.0	2.30	236.90	664.9	-3.1	3.0	-0.5	1.61	1.61	-0.65
696.0	2.80	243.50	695.9	-3.8	1.8	0.9	1.87	1.61	21.29
726.0	3.30	245.40	725.8	-4.5	0.3	2.4	1.70	1.67	6.33
757.0	3.80	246.10	756.8	-5.3	-1.4	4.3	1.62	1.61	2.26



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 12 TS9 R17E
 Well: T-11-9-17
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well T-11-9-17
 TVD Reference: T-11-9-17 @ 5099.0ft (Original Well Elev)
 MD Reference: T-11-9-17 @ 5099.0ft (Original Well Elev)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
787.0	4.10	243.40	786.7	-6.1	-3.3	6.3	1.18	1.00	-9.00
818.0	4.60	243.80	817.6	-7.2	-5.4	8.6	1.62	1.61	1.29
849.0	5.00	245.30	848.5	-8.3	-7.7	11.2	1.35	1.29	4.84
880.0	5.30	246.90	879.4	-9.4	-10.3	13.9	1.07	0.97	5.16
914.0	5.80	249.40	913.2	-10.6	-13.3	17.1	1.63	1.47	7.35
944.0	6.40	250.70	943.1	-11.7	-16.3	20.1	2.05	2.00	4.33
977.0	7.00	249.10	975.8	-13.1	-20.0	23.8	1.90	1.82	-4.85
1,009.0	7.50	250.00	1,007.6	-14.5	-23.7	27.7	1.60	1.56	2.81
1,041.0	7.90	248.90	1,039.3	-16.0	-27.8	31.8	1.33	1.25	-3.44
1,073.0	8.70	248.50	1,071.0	-17.6	-32.1	36.2	2.51	2.50	-1.25
1,104.0	9.40	247.20	1,101.6	-19.5	-36.6	40.9	2.35	2.26	-4.19
1,136.0	9.80	244.50	1,133.1	-21.7	-41.4	46.1	1.88	1.25	-8.44
1,168.0	10.30	244.00	1,164.6	-24.1	-46.5	51.6	1.59	1.56	-1.56
1,198.0	10.80	243.90	1,194.1	-26.5	-51.4	57.0	1.67	1.67	-0.33
1,229.0	11.20	242.00	1,224.6	-29.2	-56.7	62.8	1.74	1.29	-6.13
1,261.0	11.80	239.30	1,255.9	-32.3	-62.2	69.2	2.52	1.88	-8.44
1,293.0	12.40	237.30	1,287.2	-35.9	-67.9	75.8	2.29	1.88	-6.25
1,325.0	12.70	236.50	1,318.4	-39.7	-73.8	82.8	1.08	0.94	-2.50
1,357.0	12.90	234.10	1,349.6	-43.7	-79.6	89.8	1.78	0.63	-7.50
1,389.0	12.90	230.80	1,380.8	-48.0	-85.2	97.0	2.30	0.00	-10.31
1,420.0	12.90	229.60	1,411.1	-52.5	-90.6	103.9	0.86	0.00	-3.87
1,452.0	13.00	229.70	1,442.2	-57.1	-96.0	111.1	0.32	0.31	0.31
1,546.0	13.32	233.17	1,533.8	-70.4	-112.8	132.4	0.91	0.34	3.69
1,641.0	13.60	232.55	1,626.2	-83.8	-130.4	154.6	0.33	0.29	-0.65
1,736.0	13.40	238.20	1,718.5	-96.4	-148.6	176.7	1.40	-0.21	5.95
1,832.0	13.23	237.03	1,812.0	-108.2	-167.3	198.7	0.33	-0.18	-1.22
1,927.0	13.82	235.21	1,904.3	-120.6	-185.7	220.9	0.77	0.62	-1.92
2,022.0	13.51	231.25	1,996.6	-134.0	-203.7	243.3	1.04	-0.33	-4.17
2,117.0	13.71	231.91	2,089.0	-147.9	-221.2	265.7	0.27	0.21	0.69
2,212.0	12.90	227.20	2,181.4	-162.1	-237.8	287.5	1.42	-0.85	-4.96
2,306.0	13.00	226.90	2,273.0	-176.4	-253.3	308.4	0.13	0.11	-0.32
2,401.0	13.10	227.40	2,365.6	-191.0	-269.0	329.8	0.16	0.11	0.53
2,497.0	12.11	228.13	2,459.3	-205.1	-284.5	350.6	1.04	-1.03	0.76
2,592.0	11.73	226.80	2,552.2	-218.4	-299.0	370.2	0.49	-0.40	-1.40
2,687.0	11.00	231.80	2,645.4	-230.6	-313.1	388.8	1.29	-0.77	5.26
2,783.0	11.70	234.60	2,739.5	-241.9	-328.3	407.7	0.93	0.73	2.92
2,878.0	13.30	234.90	2,832.2	-253.8	-345.0	428.3	1.69	1.68	0.32
2,973.0	12.60	229.20	2,924.8	-266.8	-361.8	449.5	1.53	-0.74	-6.00
3,068.0	13.70	234.80	3,017.3	-280.1	-378.9	471.1	1.77	1.16	5.89
3,162.0	15.40	233.60	3,108.3	-293.9	-398.0	494.7	1.84	1.81	-1.28
3,258.0	15.20	230.20	3,200.9	-309.5	-417.9	520.0	0.96	-0.21	-3.54
3,353.0	15.00	233.00	3,292.6	-324.9	-437.3	544.8	0.80	-0.21	2.95
3,448.0	14.30	231.50	3,384.5	-339.6	-456.3	568.8	0.84	-0.74	-1.58
3,543.0	13.70	229.90	3,476.7	-354.1	-474.1	591.8	0.75	-0.63	-1.68
3,639.0	12.80	227.70	3,570.2	-368.6	-490.7	613.7	1.07	-0.94	-2.29
3,733.0	12.44	227.21	3,661.9	-382.5	-505.8	634.1	0.40	-0.38	-0.52
3,828.0	13.29	233.43	3,754.5	-396.0	-522.1	655.3	1.71	0.89	6.55
3,923.0	14.20	233.66	3,846.8	-409.4	-540.2	677.8	0.96	0.96	0.24
4,019.0	13.88	232.34	3,939.9	-423.4	-558.8	701.1	0.47	-0.33	-1.38
4,114.0	13.10	233.91	4,032.3	-436.7	-576.6	723.3	0.91	-0.82	1.65
4,209.0	12.70	234.33	4,124.9	-449.1	-593.8	744.5	0.43	-0.42	0.44
4,304.0	13.60	234.40	4,217.4	-461.7	-611.3	766.1	0.95	0.95	0.07
4,399.0	13.25	232.64	4,309.8	-474.8	-629.1	788.1	0.57	-0.37	-1.85
4,494.0	13.60	232.80	4,402.2	-488.2	-646.6	810.2	0.37	0.37	0.17



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 12 TS9 R17E
Well: T-11-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well T-11-9-17
TVD Reference: T-11-9-17 @ 5099.0ft (Original Well Elev)
MD Reference: T-11-9-17 @ 5099.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,589.0	14.04	236.13	4,494.5	-501.3	← -665.1	832.9	0.96	0.46	3.51
4,684.0	13.90	234.50	4,586.7	-514.4	-683.9	855.8	0.44	-0.15	-1.72
4,779.0	12.90	231.50	4,679.1	-527.6	-701.5	877.8	1.28	-1.05	-3.16
4,874.0	12.10	232.40	4,771.8	-540.3	-717.7	898.3	0.87	-0.84	0.95
4,969.0	11.70	231.70	4,864.8	-552.3	-733.1	917.9	0.45	-0.42	-0.74
5,064.0	12.68	233.50	4,957.6	-564.5	-749.1	938.0	1.11	1.03	1.89
5,159.0	13.50	232.50	5,050.2	-577.5	-766.3	959.5	0.90	0.86	-1.05
5,254.0	13.00	231.60	5,142.6	-590.9	-783.4	981.3	0.57	-0.53	-0.95
5,349.0	13.10	228.73	5,235.2	-604.6	-799.9	1,002.7	0.69	0.11	-3.02
5,444.0	12.20	224.90	5,327.9	-618.8	-815.1	1,023.4	1.29	-0.95	-4.03
5,539.0	12.30	225.60	5,420.7	-633.0	-829.4	1,043.3	0.19	0.11	0.74
5,634.0	12.20	225.70	5,513.6	-647.1	-843.8	1,063.3	0.11	-0.11	0.11
5,729.0	11.40	223.80	5,606.5	-660.9	-857.5	1,082.6	0.94	-0.84	-2.00
5,824.0	10.03	219.82	5,699.9	-674.0	-869.3	1,099.9	1.64	-1.44	-4.19
5,870.0	8.96	217.21	5,745.3	-679.9	-874.0	1,107.2	2.51	-2.33	-5.67
5,920.0	8.96	217.21	5,794.6	-686.1	-878.7	1,114.7	0.00	0.00	0.00
5,925.0	8.96	217.21	5,799.6	-686.8	-879.2	1,115.5	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



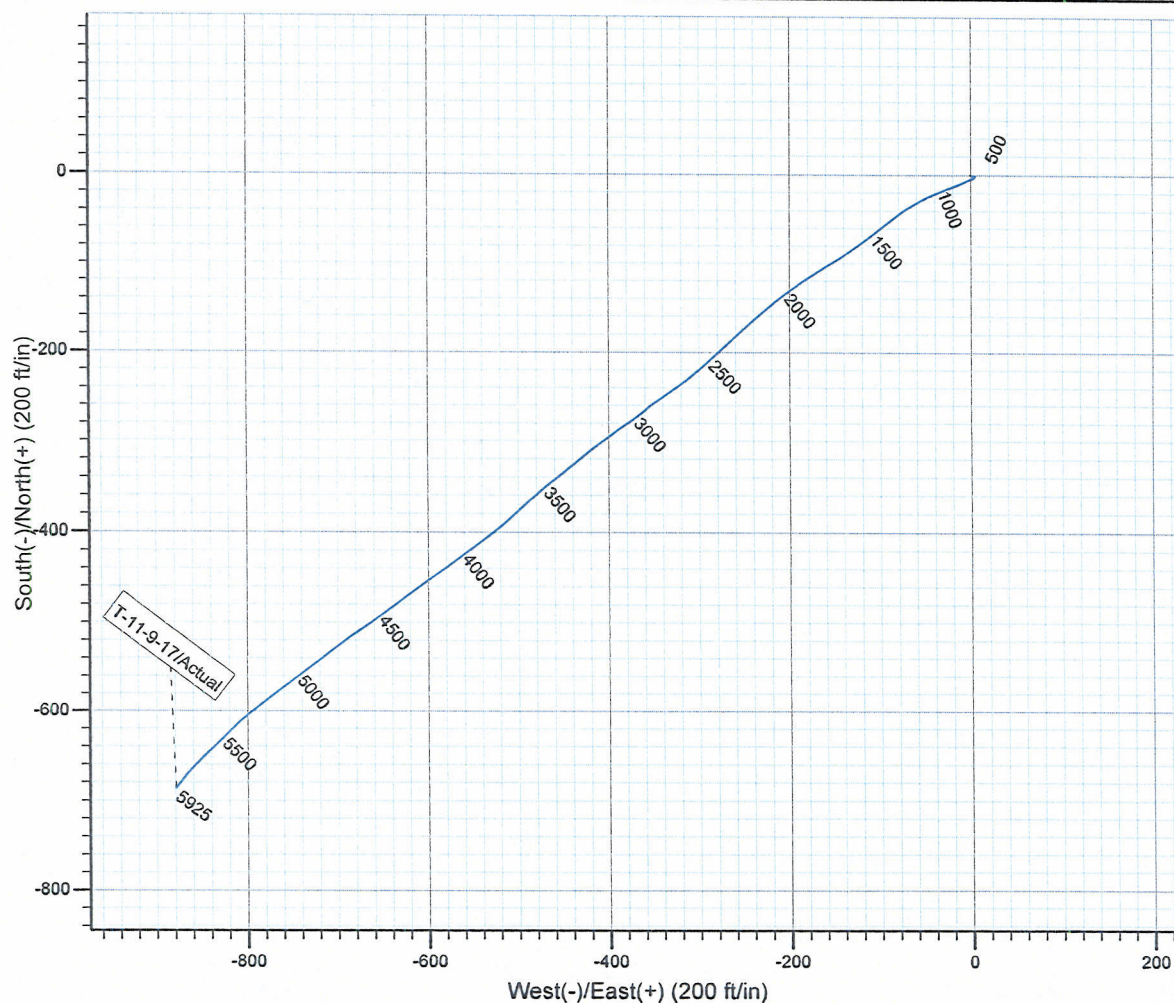
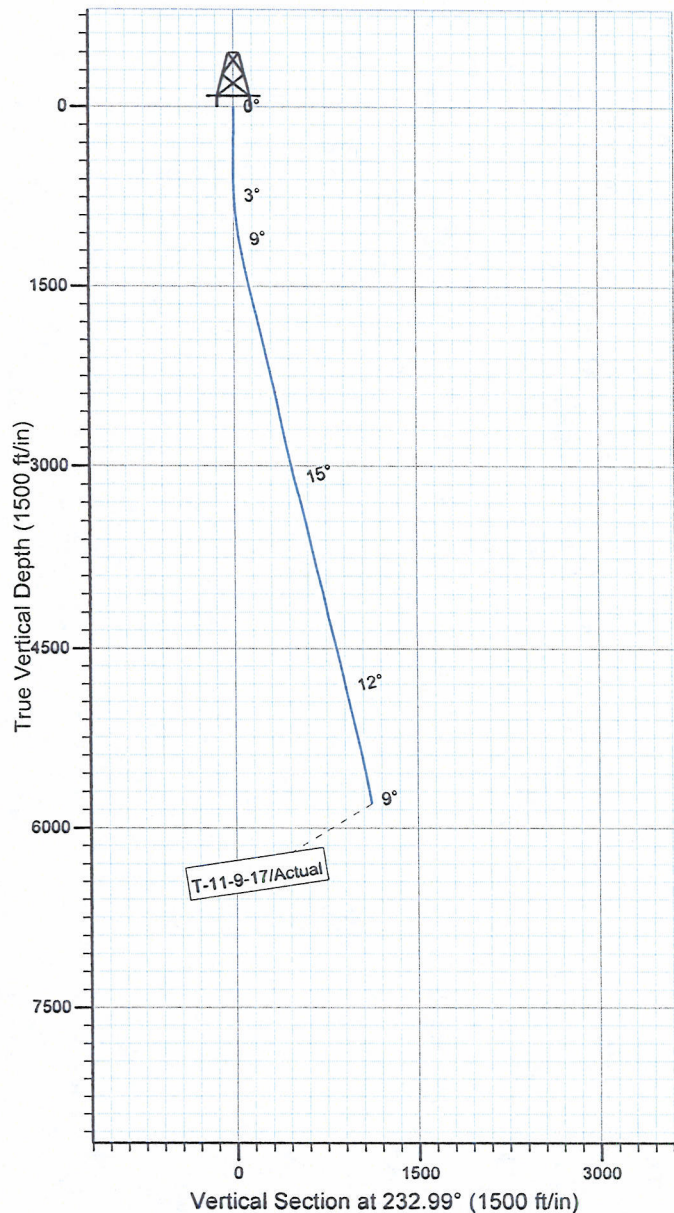
Project: USGS Myton SW (UT)
 Site: SECTION 12 TS9 R17E
 Well: T-11-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.41°

Magnetic Field
 Strength: 52394.1snT
 Dip Angle: 65.84°
 Date: 2010/05/17
 Model: IGRF2010



HATHAWAY HBBURNHAM
 DIRECTIONAL & MWD SERVICES

Design: Actual (T-11-9-17/Wellbore #1)

Created By: *Tom Hudson* Date: 17:13, May 17 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

SUNDANCE T-11-9-17**2/1/2010 To 6/30/2010****SUNDANCE T-11-9-17****Waiting on Cement****Date:** 4/10/2010

Ross #29 at 320. Days Since Spud - .25#/sk Cello Flake Mixed @ 15.8ppg W/1.17 yield, returned 3bbls cement to pit - On 4/8/10 Cemented 8 5/8" csg W/ BJ Services. Pumped 160 sks Class "G" +2%CaCl+ - (Guide Shoe, Shoe Jt. Baffle Plate) Set @ 318.45 KB - Spud on 4-5-10 W/ Ross # 29 @ 9:00 AM, Drilled 320' of 12 1/4" hole . Run 7 jts 8 5/8" csg

Daily Cost: \$0**Cumulative Cost:** \$50,005

SUNDANCE T-11-9-17**Drill 7 7/8" hole with fresh water****Date:** 4/21/2010

NDSI #2 at 1311. 1 Days Since Spud - Drill 7 7/8" hole from 318' to 1311' W/ 20,000 WOB, 151 TRPM, 350GPM 116fph total ROP - Pickup BHA as follows Hughes Q506F 7 7/8" PDC bit, 6.5 7/8 mill 4.8stg .33 hunting 1.5 bend, - Test surface casing to 1,500 PSI for 30min all tested good. - R/U B&C Quicktest Test kelly, safety valve, pipe and blind rams and choke to 2,000PSI for ten Min. - Move Rig F/ Lone Tree Fed. A-21-9-17 to Sundance Fed. T-11-9-17 - 1X30.20 Monel, 1X3.31 gap sub 1X2.58 Antenna Sub, 1X30.58 Monel, 26 HWDP 836.16

Daily Cost: \$0**Cumulative Cost:** \$75,058

SUNDANCE T-11-9-17**Drill 7 7/8" hole with fresh water****Date:** 4/22/2010

NDSI #2 at 3656. 2 Days Since Spud - No Flow @ 2610' - No H2s Reported Last 24 Hrs. - Change Pony Rod On Pump. - Drill 7 7/8" Hole From 1311' To 1721', 25,000 lbs Wob 268 GPM, 143 TRPM, 273.3 fph AVG ROP - Drill 7 7/8" Hole From 1721' To 3656', 25,000 lbs, 268 GPM, 143 TRPM, 101.8 fph AVG ROP. - Rig Service, Check Crown-A-Matic & Function Test Bop's

Daily Cost: \$0**Cumulative Cost:** \$110,667

SUNDANCE T-11-9-17**Drill 7 7/8" hole with fresh water****Date:** 4/23/2010

NDSI #2 at 5060. 3 Days Since Spud - Well Flowing 3 gal/min @ 4260' - Well Flowing 5 gal/min @ 5060' - Drill 7 7/8" Hole From 4163' To 5060', 28,000 lbs Wob, 268 GPM, 143 TRPM, 48.5 fph AVG ROP. - No H2s Reported Last 24 Hrs - Rig Service, Check Crown-A-Matic, Function Test Bop's - Drill 7 7/8" Hole From 3656' To 4163', 20,000 lbs WOB, 268 GPM, 143 TRPM, 101.4 fph AVG ROP

Daily Cost: \$0**Cumulative Cost:** \$138,801

SUNDANCE T-11-9-17**Lay Down Drill Pipe/BHA****Date:** 4/24/2010

NDSI #2 at 5925. 4 Days Since Spud - Drill 7 7/8" Hole From 5060' To 5107', 28,000 lbs WOB, 143 RPM, 268 GPM, 47 fph AVG ROP - Circ Hole For Trip (Pump High Vis Sweep) - P/U New Bit & Mud Motor Trip In Hole - Wash 60' To Bottom - Drill 7 7/8" Hole From 5107' To 5925', 22,000 lbs WOB, 143 TRPM, 268 GPM, 86 fph AVG ROP - Circ & Cond Hole For Laydown &

Logs - LDDP To 4,000' - W/O Brine. Pump 260 bbls 10# Brine.(Trucks Got Lost) - LDDP - No H2s Reported Last 24 Hrs, - Well flowing 7 gal/min @ TD - Trip Out For Bit,Change Out Bit & Mud Motor **Finalized**

Daily Cost: \$0

Cumulative Cost: \$168,861

SUNDANCE T-11-9-17**Wait on Completion**

Date: 4/25/2010

NDSI #2 at 5925. 5 Days Since Spud - R/U Phoenix Surveys Log Well With DISGL/SP/GR Suite : TD 5904' To Surface Csgn. And DSN/SDL/GR/CAL - Suite; From TD 5904' To 3,000' Loggers TD 5904' - R/U B7C Quick Test Test 5 1/2" Pipe Rams To 2,000 psi For 10 Mins Test OK - R/U Marcus Liddell Casing Crew. Run 135 Jts 5.5" J-55 15.5# Casing,Shoe Set @ 5912' Top Float - Collar Set @ 5867'. 7 jts Will Be Transferred To Sundance Federal S-11-9-17 - Circ Casing With Rig Pump - Finish LDDP & BHA - (PL II+3%KCL+5#CSE+0.5#CF+2#KOL+.% SMS+FP+SF) Pump 2nd Stage 400 Sks Mixed @ 14.4 ppg With 1.24 - Pumped 2nd Stage Mixed @ 14.4 ppg & 1.24 Yield - (50:50:2+3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS+FP-6L) Returned 45 bbls To Pit Bumped Plug To 200 psi - Nipple Down Bop's, Set Slips With 100,000# Tension - Clean Mud Tanks - Released Rig @ 10:00 PM 4/24/10 - R/U BJ Services Test Lines To 3500 psi. Pump 1st Stage 250 Sks Mixed @ 11.0 PPG With 3.50 Yield **Finalized**

Daily Cost: \$0

Cumulative Cost: \$282,429

Pertinent Files: Go to File List